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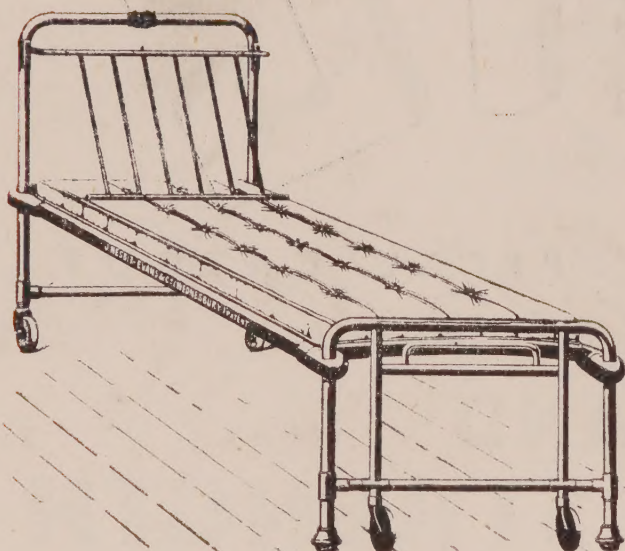


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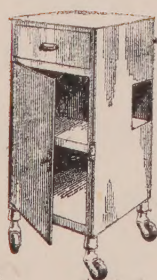
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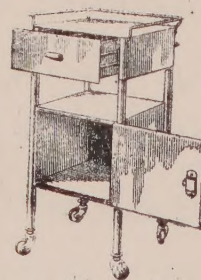
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An Annual Record of the Hospitals of Great Britain and
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Charities," founded 1889

1949-50

Editor:

J. F. MILNE, M.C., B.Sc.(Econ.)

Advisory Editor:

S. R. SPELLER, LL.B.

The Institute of Hospital Administrators

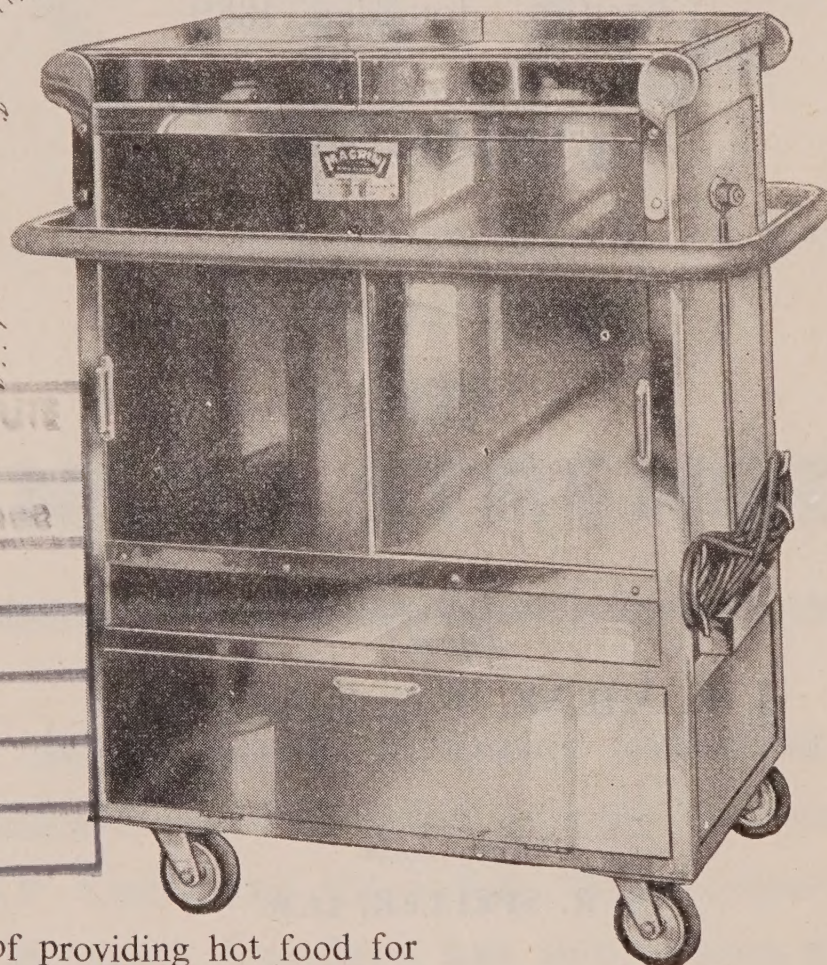
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EDITOR'S FOREWORD

THE appearance of this edition of the HOSPITALS YEAR BOOK in a new format and under a new editor demands some words of explanation.

It will be remembered that when the 1947 edition of the Year Book was published it was indicated that with the impending inauguration of the National Health Service and consequent likely dissolution of the British Hospitals Association and the associated Central Bureau of Hospital Information, under whose auspices the Year Book had been published, publication was likely to cease. Following this intimation an approach was made by the Institute of Hospital Administrators to the British Hospitals Association with a view to continuation of publication under the auspices of the Institute, but it was not found possible to make such an arrangement at that time. Having, however, already been considering the publication of an annual work of reference for hospital administrators, and believing that there would be no less a need for a hospitals year book after the establishment of a national health service than before it, the Council of the Institute decided to undertake the publication of a new year book which, besides providing a comprehensive directory of hospital services, would seek to meet the reference needs of those directly concerned with the administration and management of hospitals. The preparation of this new work was in an advanced state when, following the voluntary liquidation of the British Hospitals Association, it was finally found possible towards the middle of this year to arrange for the transfer of the copyright and goodwill of the HOSPITALS YEAR BOOK to the Institute.

That the Institute of Hospital Administrators should now have become responsible for the publication of the Year Book is not inappropriate, for the Institute (or the Incorporated Association of Hospital Officers as it then was) was one of the original parties (the others being the Joint Council of the British Red Cross and the Order of St. John and the British Hospitals Association) responsible for the establishment in 1931 of the Central Bureau of Hospital Information, under whose aegis the HOSPITALS YEAR BOOK began publication, and the Institute remained until the war years a member of the joint committee responsible for the direction of the Bureau. It is in fact a source of gratification to the Institute that to it should now have fallen the privilege and responsibility of continuing the publication of a work with whose inception it was so intimately connected.

The fact, however, that it was only in August last that the transfer to the Institute was finally completed has had two results so far as the present edition is concerned. First, it has occasioned a delay in publication, and the present volume appears some months later than had been planned for the new work projected by the Institute. Secondly, notwithstanding some late changes the volume now presented substantially follows the lines on which the earlier projected publication was designed, and accordingly differs in various respects—both of format and contents—from previous editions of the Year Book. At the same

time it may be said that, as was indicated by the former editor in the 1947 edition, with the establishment of the National Health Service considerable changes in the Year Book would in any event have been necessitated.

Compared with previous editions both additions and omissions will be found. The former include a directory of government departments and of those statutory bodies with functions in the field of hospital and allied services ; a directory of Ministry of Pensions hospitals ; directories of Local Health Authorities and Executive Councils ; a section dealing with the National Health Service Whitley Councils ; a substantial section providing technical and other reference information for hospital administrators ; and a further substantial section designed to provide a comprehensive guide to hospital purchasing. While not new the directory of organisations has been revised and enlarged, and divided into two parts, the first covering National Health Service Whitley Council staff associations, and the second, other hospital and health organisations.

As in former editions the most substantial part of the Year Book comprises the hospital directory sections, and for the first time, it is believed, in any reference work these sections provide a complete directory of every hospital in Great Britain. A new feature of these sections is an analysis of each hospital's bed complement, about which two comments may be made. The first is that published figures of beds must necessarily be those of beds existing at a given date—in the present instance 30th November, 1948 (a date, incidentally, chosen when an earlier date of publication was envisaged and also before it was known what date would be chosen by the Ministry of Health for its annual statistical returns from hospitals). Bed figures, however, are never static, and at the present time are especially liable to alteration by reason of changes still being made in the use of particular hospitals or sections of them by the new hospital authorities under the National Health Service, and in addition the actual use of considerable numbers of existing beds is determinant upon the availability or otherwise of nursing and other staff. While, therefore, the bed figures which are given are, it is believed, accurate for the date at which returns were asked for, it should be appreciated that inevitably some changes will have occurred since then.

The second comment on the analysis of bed figures relates to the classification or division into categories which has been adopted. While it is believed that the analysis which is given represents a worthwhile advance over the giving of a mere total of beds for each hospital, it is also appreciated that it is essentially only a half-way house and that a fuller analysis, based on the classification of beds to be used in future in the annual statistical returns of hospitals to the Ministry of Health would have added to the value of the analysis. That such a classification was not adopted for this present edition was to a large extent dictated by the desire to restrict the amount of information requested from hospitals at a time when administrators were more than burdened with work arising from the inauguration of the new service. It is, however, hoped to make a change to a fuller classification in future editions.

On the side of omissions the most notable absence from this volume as compared with former editions is that of detailed statistical tables giving particulars of the work and finances of individual hospitals. This omission is inevitable, for neither is the material for providing such information about hospitals under the National Health Service yet available, nor was the material available to the

present editor upon which statistical tables of the work and finances of hospitals for the period between 1946¹ and 5th July, 1948 could have been compiled—even if it had been considered that publication of the latter would have served a useful purpose at this stage.

While there was thus no possibility of publishing statistical tables on the former lines in this volume, it must also be said that the extent to which future editions of the Year Book will include such information, especially financial statistics, is at the moment doubtful and much will depend on what is done in this connection by the central Government departments. No useful purpose, it seems to the present editor, would be served by merely duplicating in the Year Book what is published elsewhere. The exact form, however, of the financial and other statistics which will be published by the Ministry of Health is not yet decided, and until that is known a decision on the nature and extent of statistical information to be published in future editions must remain in abeyance.

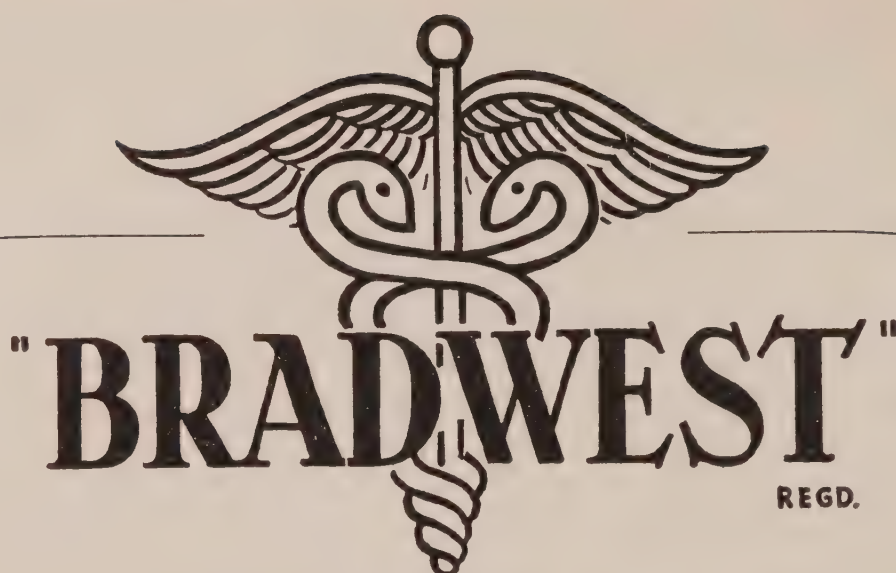
Two further omissions which may briefly be mentioned are the directory of rehabilitation services which appeared in the 1947 and 1948 editions of the Year Book and a directory of convalescent homes (i.e. of homes outside the National Health Services). The omission of the first has been influenced by considerations of space, of the continuing reorganisation of services, and by the desire, already mentioned, to limit demands upon hospitals for information in the initial stages of the new service; the second largely by the consideration that an excellent directory of convalescent homes is already published by King Edward's Hospital Fund for London.

The foregoing indicates the major differences between this and former editions of the Year Book. The result is in large measure a new publication, but one which it is hoped will be found no less useful to all those concerned with the administration and management of hospitals than its predecessors.

This editorial note would not be complete without an expression of my grateful thanks for the assistance and co-operation which has been afforded in providing information for this volume by officers of the Ministry of Health, the Department of Health for Scotland, Ministry of Pensions, other Government departments, the Regional Hospital Boards, Boards of governors, Hospital Management Committees, Boards of Management, the Northern Ireland Hospitals Authority, and the officers of the many other bodies and organisations who have equally readily supplied information.

J. F. MILNE.

¹ In respect of which year the last statistical tables were published in the Year Book.



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Administration of the Hospital Service

The First Year

THE end of the first year since the "appointed day" for the National Health Service is now some months behind us and many of the arrangements made under the Act have been worked out in practice, some with marked success, some with more limited cause for satisfaction, and some, again, in a way which calls for early and drastic second thoughts. The "appointed day" itself was preceded by nineteen months of planning and preparation, between the placing of the Act on the Statute Book and the inauguration of the service, and it is therefore appropriate that a review of the new régime in the hospital service, and all its accompanying tendencies, should date from November, 1946.

THE REGIONAL HOSPITAL BOARDS

The success of the working of the Regional Hospital Boards, comprising as they do the link between the Ministry of Health and the unit of day to day administration in the form of the hospital management Committee, depends inevitably on the extent to which they can avoid on the one hand being unduly remote from the management committees, and on the other of appearing to interfere without justification in the detailed work of administration. As far as can be judged they have tried to steer clear of these dangers, and to fulfil their role as policy directing and co-ordinating authorities, charged with the responsibility of securing the best possible planned distribution of hospital resources in their areas. That they have to some extent failed is due to circumstances beyond their control.

The Boards have, in fact been pushed into a position where they are interfering unduly, this being the effect of recent instructions from the Ministry of Health; and, what is worse, they themselves may well be

subject to a greater degree of control than had been envisaged, so that there will be reached the one position which should at all costs have been avoided, where a chain of reference upwards paralyses that sense of responsibility on the part of the man on the spot which alone can ensure the full and proper development of the hospital service.

An example of this unfortunate tendency is to be found in the Ministry of Health Circular RHB.(49) 61/HMC (49) 49, which was issued on 26th April, 1949, full in the wake of an economy scare which at one time threatened the service with what would have been crippling cuts in expenditure, had the policy dictating them not been discontinued.

This is a small circular but its implications are far reaching. In the first place, it tells management committees that they should not incur expenditure on specific items without the prior approval of the regional board, and that similar approval is to be obtained for services likely to involve supplemental estimates, in the latter event the Board being required to consult the Ministry where it considers a particular development to be essential.

In the second place, the circular deals with accounting, and authorises regional boards to lay down financial and accounting systems for general adoption as soon as circumstances permit. There could hardly have been a more miserable half way house. A uniform system of accounting has been advocated for years by those who know and understand hospital finance, yet here is the sorry spectacle of the Ministry of Health, apparently seeing to some extent the force of the argument for such an improvement, proposing to encourage some *fourteen* accounting systems in England and Wales.

There must also be noted a later

statement from the Ministry¹ which gives the boards the duty of attempting detailed control of expenditure, for which they are not and were never intended to be equipped. The original conception was one of global budgets within the limits of which the authorities immediately responsible should plan their expenditure. Only by this means could real independence be assured, but we are now getting very far away from both the method and the reality.

Administrative Control

So far as concerns the actual organisation of the regional boards, it may be said that whilst the principle of having large regional authorities is to be welcomed, there is no denying that in several cases it has entailed considerable problems of control and administration. In three regions² it has been found necessary to set up special area committees, and this at once raises the question of whether these regions are in themselves suitable units, or whether their size raises a danger of remoteness of control which hardly compensates for the avoidance of that other danger of detailed interference in the affairs of the management committees. In the case of the South Western and South West Metropolitan Regional Board areas it must be said that an obvious solution, and one which would assist in solving problems other than those of hospital administration, would be the establishment of medical schools at Exeter and Southampton. There could then be regions of manageable size instead of the two geographically straggling and administratively unwieldy units which now exist.

The Boards

Size is a factor to be carefully considered not only in relation to the area of an authority but equally in relation

¹ In the text of a letter of 10th June, 1949 addressed to regional boards, and boards of governors.

² These are the Newcastle Region (Special Area Committee for Cumberland and N. Westmoreland); the South West Metropolitan Region (Western Area Committee for Hampshire, Isle of Wight, and parts of Dorset and Wiltshire); and the South Western Region (Devon and Cornwall Regional Committee, including those counties, the Isles of Scilly and Lyme Regis in Dorset).

to its membership, and a criticism of the regional boards may well be that their average membership of twenty-six is too great. This, however, is mitigated in some cases by the establishment of committees of the board of workable size. It is clearly desirable that there should be such committees, but recognition of this must not preclude a warning that regional boards must be careful not to become mere bodies for receiving reports and approving pre-determined arrangements.

The mention of control raises another question, arising from the method of appointment of the boards. This is no place to go in detail into the respective merits of nomination and election as a means of recruiting the membership of such authorities, but the subject cannot be left without some mention of it. The planners of the National Health Service have preferred nomination, and have tried to avoid the disadvantages of this method by expressly stating in the Act that the consultation of various bodies and interests does not imply representation. This declaration is important, but it is not easy for individual members to free themselves entirely from their representative associations, and certain tendencies are possibly appearing which indicate that some have indeed not succeeded in doing so. At some time, perhaps when the Service has been running rather longer, it will be desirable to investigate this problem more closely.

Regional Board Staffing

An immediate cause of confusion has been the designation given to the senior medical officer of the regional hospital board, namely that of senior administrative medical officer. It is understandable if it has been adopted in deference to medical wishes, for the purpose of making it clear that the senior medical officer of the board would not have direct clinical responsibilities, but even so this hardly justifies it. In effect a good deal of confusion is caused, which has the result of making difficulties for the secretary of the board, who is its senior administrative officer. The senior administrative medical officer is, on the other hand, really the board's medical adviser, and a wrong impression is given by a designation which implies that he has

administrative duties of an overriding nature.

It was left to the boards to determine in detail their own establishments, but the Minister laid down certain categories of staff which *might* be employed at the headquarters of the boards, and, as the Whitley Councils for the Health Services had not then been set up, prescribed salaries for them.

Architects

The necessity of some of the appointments which may be made to the staffs of regional boards has been questioned on various grounds. For example, it has been found rather surprising that boards have so hastily filled the appointment of architect and, in some cases, have proceeded to appoint heavily manned architectural and engineering offices. Little thought appears to have been given to the question of whether the architect's functions should be consultative and advisory, or executive.

The objections to a regional board architect in actual charge of executive planning and construction are considerable, the greatest of them being the danger of these officers obtaining a monopoly of all hospital planning and construction in their regions, to the detriment of design and development.

For the appointment of an architect in a consultative capacity there is much more to be said, and experience would seem to be justifying regional appointments in this capacity, and in due course these may be the means of building up and maintaining a much needed cadre of experts in what is a highly specialised and exacting field. If, however, the functions of regional board architects are to be consultative and advisory rather than executive, as essentially they should be, it is difficult to believe that the size to which some of their staffs has already been built up is really necessary.

Legal Advisers

There have also been legitimate doubts about the position of legal advisers on the staffs of regional boards, who have in many cases been appointed, although some boards have managed to do without them. A management committee is a body corporate with perpetual succession, and has precisely the same legal

status as a regional hospital board or a board of governors,³ and "a hospital management committee shall, notwithstanding that it may be exercising functions on behalf of the regional hospital board, be entitled to enforce any rights acquired, and shall be liable in respect of any liabilities incurred (including liabilities in tort) in the exercise of those functions, in all respects as if . . . the Committee were acting as principal."⁴ This being so, there is necessarily some doubt as to what can be the functions of a legal adviser at the level of the regional board. Is he there to advise the various management committees, which in law have been constituted separate and distinct from the board, where there is a dispute regarding their rights or duties, or liabilities? Or is his work to consist purely of attending to those matters affecting the regional board itself to deal with which might call for legal qualification? If the latter only are to be his functions, it must seriously be questioned whether there is any scope at all for the full-time employment of such an officer. If, however, he is also to advise the hospital management committees there would seem to be more justification for such an appointment, but how far in fact this is envisaged as one of his functions seems more than doubtful. At least one management committee has sought the advice of a regional board on a legal matter, and received the answer that it was no affair of the board, the position in law of the management committee as described above being quoted in support of this statement. If this practice is general it is hard to see how the retention of a legal adviser at a salary of more than £1,000 a year can be justified.

BOARDS OF GOVERNORS

The boards of governors of teaching hospitals were constituted in the summer of 1948. They are "all-purpose authorities," thirty-four in number (twenty-four of them in London) which in most cases control a small group of hospitals falling naturally within the orbit of the large teaching hospital at the centre of the group.

³ National Health Service Act, 1946. 3rd sched.

⁴ *Ibid.* s.13 (1).

The most contentious point which arises concerning them is their *raison d'être* as all-purpose authorities, independent of and equal in status to the regional hospital boards. In Scotland they were given no such status, teaching hospitals being brought under the control of the regional hospital boards. Opinion south of the border is divided more or less on the lines of whether the person expressing such opinion is connected with a regional board or with a board of governors, whilst an independent observer would probably elect cautiously to watch the trend of events for rather longer before expressing a view.

It can, however, be said that it has become quite clear that there is little that regional hospital boards can do in the way of planning and development without securing the co-operation of the teaching hospital in their areas, and that, therefore, if services are to be effectively developed there must be a very close, cordial, and continuous relationship between the two.

HOSPITAL MANAGEMENT COMMITTEES

The hospital management committee is the operative unit of day-to-day administration in the National Health Service, controlling and managing a group of hospitals, and, in some cases, an individual hospital, on behalf of the regional board. The theory underlying this set-up is one of agency, the regional boards being agents for the Minister in planning and directing the service, and the management committees being agents in turn for the boards in operating the actual machinery of administration of the hospitals.

Of their membership, it is perhaps a general criticism that too little new blood has been introduced, but it is reasonable to accept this as inevitable at the inaugural stage, and it may be hoped that as time passes a more representative section of the community will find a place in this form of public service.

A criticism which has validly been made is that both regional boards and management committees have been inconsistent in regard to the membership of different categories of officers.

Medical men and matrons who are in the position of officers of the authority have in some cases been included in the membership of boards and committees, but the same consideration, if such it be, has not been shown to officers in other professions in the hospital field. At one time it was understood that the Minister's intention was to exclude all officers from membership, and as things have turned out it is a matter for regret that this intention has not been adhered to.

Pattern of the Groups

The pattern of the groups varies a good deal up and down the country, but several prevailing and in the main similar types emerge. The most usual is, naturally, the "mixed" group, which contrives to provide the facilities of a single, large, all-purpose, fully-equipped general hospital in the district in which its component hospitals and institutions are situated. A typical composition for such a group is one or more acute general hospitals, hospitals providing facilities for treatment of infectious diseases, maternity cases, women's and children's illnesses, eye, ear, nose, throat and chest illnesses and accommodation for the chronic sick, together with convalescent facilities and dispensaries for tuberculosis and venereal diseases.

A second pattern is that which falls broadly under the head of "special" groupings. Groups within this category consist of a particular type of institution which it is considered would not fit satisfactorily into a general grouping, although it may be added that the approach of regions to the problem of fitting in these special hospitals has varied, and in some cases they are included in "general" groupings where elsewhere they would have their own management committee.

There are yet other hospitals which have special arrangements in more than one region, an example being the Robert Jones and Agnes Hunt Orthopaedic Hospital at Oswestry, which has after-care clinics situated in the Liverpool and Welsh Regions, and consequently has a management committee the personnel of which is drawn from places situated in three regions.

Mental Hospitals and Mental Deficiency Institutions

Mental hospitals and mental deficiency institutions have in most cases their own groupings and administrative arrangements. Sometimes there is one mental hospital, sometimes a mental hospital and one or more mental deficiency institutions, with occasionally a small, formerly private, mental home thrown in.

A further distinctive feature of the arrangements for mental hospitals and mental deficiency institutions is that the Minister has issued regulations⁵ requiring a superintendent to be appointed (a medical practitioner "unless the Minister shall otherwise direct") and to some extent defining this officer's powers. Not only is it disquieting that pre-conceived notions appear to have held sway in this part of the hospital service, but also there is displayed a regrettable lack of forethought in the way in which this officer's powers and duties have been defined. To such an extent is this so that in some mental hospital groups there has come about since the appointed day confusion of a kind which certainly does not expedite progress towards the Minister's goal of breaking down the barrier between mental treatment and other forms of hospital care.

Many contradictions between the position and duties of the medical superintendent on the one hand, and the secretary of the hospital management committee on the other, have arisen from these regulations, from H.M.C.(48)2, in which a maladroit attempt was made further to explain this ill-starred arrangement, and from later Ministry of Health communications. Without going into further discussion in the present article, it should be said that in the present administration of the mental health service an outworn and discredited system, based on fundamental misconceptions, is inhibiting that service from the opportunities of progressive growth which are now enjoyed by the rest of the hospital service, and that unless a change is soon brought about there will be no

early realisation of the desire, expressed by the Minister and others so often, for the proper integration of the mental and other hospital services.

Principles of Organisation

It has been emphasised from the outset of the National Health Service that hospital management committees are to administer groups of hospitals which are not limited to the service of strictly defined territories, the set-up being functional and not geographical. There are no boundaries on a map which may be said to indicate where "A" management committee area finishes and "B" management committee area starts, the "catchment area" of any specific group being determined entirely by the needs of patients for a particular kind of treatment. Thus for "ordinary" needs the inhabitants of a particular town may go to an acute general hospital in "A" Group, for T.B. treatment of a particular type they may be sent to a hospital providing that kind of service in "B" Group, those who are in need of mental treatment will go to a mental hospital in "C" Group, while those requiring attention of a highly specialised kind might find it necessary to go to a hospital in "D" Group, which may be over the other side of the region, or even in another region altogether.

This is the commonsense way of attacking the problem of hospital treatment. Not only has a tripartite division of ownership and control been merged into a unified system, but also a large number of geographical barriers have been swept away and some of the happenings which in the past aroused either public resentment or public ridicule should not occur in the future.

This being so, it is important to ascertain how far the functional aspect of grouping has been kept to the fore. As far as can be ascertained this principle of the service is one which has been largely upheld and there has not been any real tendency to regard management committees as administering geographical areas. Of course, the geographical element is not left out. For the majority of ordinary cases it will be obvious that people in a particular area will go to a certain hospital, and the hospital will be thought of as primarily serving that area.

⁵ The National Health Service (Superintendents of Hospitals, etc.) Regs. 1948. S.I. 1948. No. 419.

It is not intended here to go in detail into the delegation of work by hospital management committees to sub-committees, but a word should be said on the subject of house committees. These have been appointed on a considerable scale, and it is a cause for regret that in many cases they are exercising functions inconsistent with their status as sub-committees of the hospital management committee.

There is no provision for house committees in the Act, where they are not mentioned at all, and a study of utterances by the Minister and others both before and after its enactment reveals considerable confusion as to the role and purpose of these committees. It appears always to have been tacitly understood that there would be house committees, but at the same time emphasis has been placed from official sources upon the essentially two-tier nature of the hospital service,⁶ the two tiers being regional hospital boards and hospital management committees.

The most obvious fact which has emerged in relation to house committees is that their setting up has not usually been regarded as an exceptional measure but, on the contrary, as a general course of action for most hospitals. There is also a very wide variety both in membership and functions as between the house committees of one group and those of another. In some cases the members are also on the management committee, and in others there are many local nominations of people who are not on the management committee, such nominations being very often of those who had been connected with the hospital prior to 5th July, but had not secured a seat on the management committee.

The functions of house committees also show much variety from place to place. Sometimes they are purely advisory, sometimes mainly concerned with maintaining local interest in their hospital, and sometimes they have executive powers which give them the possibility of becoming, as it were, management committees in miniature.

If, indeed, house committees could be conceived as operating broadly along the lines of the former voluntary

hospital house committees, there would be little disposition to criticise their working. The problem is not quite the same, however, under the new conditions. The concept which must now always be uppermost is the group concept, and individual hospitals must be regarded rather as departments of the group than as entities on their own. There is still room for a house committee, but its scope must be limited to what are strictly day-to-day matters. It is certainly quite wrong that house committees should have powers of engaging and dismissing staff, as they now have in some places.

Unfortunately, there have been unmistakable signs of the emergence of a third tier of administration, and this has, after much delay, caused the Ministry of Health to issue a memorandum⁷ making it clear that house committees should not be given executive functions or spending powers. The memorandum is unfortunately not very plain in its instructions on several points, and so far as it concerns mental hospitals, is entirely inconsistent, since it suggests that the house committees of such hospitals should undertake on behalf of the management committee statutory functions under the Lunacy and Mental Treatment Acts with regard to such matters as the discharge of patients and their visitation; these matters, affecting as they do the liberty of the subject, are surely executive in the fullest sense, and one wonders if those who issued the circular are quite alive to the strange inconsistency imported by the paragraph which deals with mental hospitals.

The Individual Hospital

In some respects connected with the problem of house committees is that of the individual hospital and its administration. It cannot too often be stressed that, leaving aside the special hospital groups, the basic aim of grouping hospitals is to provide the equivalent of a fully-equipped general hospital. It follows, therefore, that the former individual hospitals which now comprise a group must be regarded as sub-units, and that the basic problems of administration must be looked

⁶ H.M.C.(48)1 para. 12(a). March, 1948.

⁷ R.H.B.(49)107, B.G.(49)92.

at from the group viewpoint. Even so, the work of the individual hospital is of outstanding importance, and, whilst the changeover has created personal problems which will remain for some time to come, it must be remembered that in the fully-developed hospital service the administrators of these sub-units will comprise an essential element in the promotion ladder to the more senior posts of the group.

The Individual Administration

The new administrative set-up has affected the administrator of the individual hospital in two main ways. First, his hospital is no longer autonomous, but one of a group, and he himself has become subordinate to the group's chief administrative officer on whom, instead of on himself, rests ultimate responsibility to the management committee for the administration of the hospital concerned. Secondly, there is now a group finance and supplies organisation and his responsibilities in these directions have accordingly been curtailed.

With regard to the first of these points it may briefly be said that the actual working of the new service has shown that any concept of groups being administered as a whole, in the sense of the secretary of the management committee as chief administrative officer being responsible for close day-to-day supervision of the administration of all the units, and the administrator of the individual hospital accordingly being in the nature of a relatively minor departmental head subject to immediate supervision in all that he does, does not, by and large, exist in practice. There are various reasons for this, chief among them being the size of the majority of groupings, which, in terms of geographical diffusion, the number of units involved, or size of individual units, is such that the chief administrative officer cannot do more than maintain a very general administrative responsibility other than in his own hospital, and may be one or two of the clinics and smaller units.

Even in the more compact groups experience has shown that if in addition to his secretarial duties the management committee secretary is directly responsible for the administration of one of the group hospitals, as it must be considered

desirable he should be, the position is substantially the same, *i.e.* he can only maintain a very general responsibility for the administration of the other larger units; the actual day-to-day management of these falls to the administrator at the hospital.

The services provided by a hospital group may be planned and co-ordinated through the group machinery and certain aspects of administration such as accounting and supplies may be centrally controlled, but the day to day work of the individual unit—the care and treatment of the patient and the arrangements necessary thereto—cannot be centralised. It remains to be carried out at the hospital and the necessary co-ordination of activities and resources must be the continuing responsibility of the administrator at the hospital, and in a hospital of any size all the time and energies of a skilled hospital officer are required to this end. In short, hospitals cannot be managed by remote control, and in many respects the post of administrator of the individual hospital is the key post in the hospital administrative service. It cannot be said that this is yet officially recognised and the status and remuneration so far accorded to these officers is quite inadequate.

ADVISORY MACHINERY

The Central Health Services Council was set up some time after the appointed day, and membership of nine standing advisory committees⁸ was announced early in 1949. Two Committees of the Council itself have also been set up.⁹

The size of the Central Council¹⁰ seems to suggest an all-embracing attempt to satisfy the prestige requirements of the various interests concerned, rather than to set up a body really intended to give incisive and well-informed advice. At the time of writing it is too early with any finality to judge the work of the advisory committees, although two of them (Cancer

⁸ The nine standing advisory committees are: Medical, Dental, Pharmaceutical, Ophthalmic, Nursing, Maternity and Midwifery, Tuberculosis, Mental Health, Cancer and Radiotherapy.

⁹ On Hospital Administration and Health Centres respectively.

¹⁰ Forty-one Members. (National Health Service Act, 1946. First Sched.)

and Radiotherapy and Maternity and Midwifery) have produced sound reports and recommendations on specific subjects. The previous fate of advisory machinery in this country is not reassuring, and in no field of action less so than in the health services. Perhaps, however, a new page has been turned, and the National Health Service advisory machinery will produce work of real and permanent value. The answer will not be known for some time.

WHITLEY COUNCILS

In late 1947, steps were taken to set up appropriate negotiating machinery for the Service, and after some months of steady development the Whitley Councils for the Health Services (Great Britain) started their real work. To-day the General Council and seven functional councils are in energetic operation, and several important agreements have been negotiated.

While these councils have done useful work it must equally if reluctantly be said that their activities and usefulness have been severely handicapped by the inability of the Management Sides of them to act as free agents. The essence of Whitleyism is that two representative and independent sides—Management and Staff—come freely together and negotiate. Since the inauguration of the councils it has become increasingly plain that those who sit on the Management Side are not in a position to negotiate, but at every stage must refer back to the Treasury.

It has been suggested that since it is the function of the Treasury to control the expenditure of public money it is

only right that it should have a say in agreements on health service salaries. If such an argument were valid then it must be said that the Treasury should sit directly on the Whitley machine and not govern its proceedings by remote control. But in effect the Health Services Whitley machine is not the place for the Treasury to exercise control over health service expenditure. That should be done as the Minister and his officials have so often indicated would be done, through exercising control through the Minister of Health over the global budgets of the employing agencies—the regional hospital boards and the executive councils. As it is, the interference of the Treasury, and the acceptance of it by the Management Sides of the various functional councils, is vitiating the working of the whole National Health Service Whitley machine. If the machine is to function effectively and have the confidence of health service staff it must be freed from this devitalising and improper influence.

CONCLUSION

The National Health Service is still young, but it has now been in operation long enough to enable certain definite trends and tendencies to be noted and assessed. Perhaps another year's working will show more definitely which elements are permanent and which transitory; at all events there is always much that is new and interesting in the development of this great effort to create an effective, unified social service of national dimensions, in which the hospital service has so important, indeed so essential, a role.

The Planning and Construction of Hospitals

By **ALNER W. HALL, M.C., F.R.I.B.A.**

TO cover such a vast subject as the planning and construction of our future hospitals in a short article such as this, is to attempt the impossible, and it is therefore proposed only to outline some of the many principles involved.

Having in mind present day conditions, it is feared that for some years to come it will be necessary to consider a series of patchwork alterations and extensions to most of the hospitals in order to provide some, at least, of the requirements urgently needed to allow the health services to function: This "make do and mend" principle is always most unsatisfactory and very costly, because so much of the work done, although essential, is or should be scrapped when the new and bigger schemes are developed.

It is proposed in this article to ignore the present state of affairs, and to skip mentally the next few years and imagine what shape our new hospitals may take in the future. Comparison between the latest of the great continental hospitals, both in Europe and America, should give valuable information on what these other countries consider necessary and what we ourselves should have, but it must be remembered that our conditions of climate, and our methods of organisation both of medical and nursing services, and our building laws and methods, differ so greatly from those pertaining in other countries, that these variations will have a tremendous influence on the planning and construction of the new hospitals that must be built in this country.

In the December, 1947, number of the *Post Graduate Medical Journal* an article by the present writer was published dealing in a non-technical way with this question of future hospital planning, and it may be that as the

thoughts in both articles will be running on the same lines, they should be studied together.

Clearly the first question which arises is "What sort of hospital is to be considered?" Many different types will be required in the next few years all over the country. Great teaching hospitals will have to be rebuilt, especially in London, where the need for rebuilding, modernisation and extension is very urgent. Again in the Provinces, and in the new towns that are to be built, hospitals of varying sizes will be required, and there are bound to be a number of new specialist hospitals for mental, fever and tuberculosis cases. From this it will be clear that no short article can possibly describe all the types and, therefore, it is proposed to concentrate on the planning of a 500—800 bed hospital, a district hospital envisaged in the Hospital Survey.

The selection of a suitable site for such a hospital is of paramount importance, it should have ample space for all present and future requirements, it should be easily accessible by all forms of transport, and it should be provided with all the public services. The site should be anything from 15 to 25 acres, with a good aspect to the south, reasonably level and at a distance from the main roads serving the district, at the same time suitably connected to them. The architect and any other specialists concerned should be consulted before final selection and purchase is agreed.

The planning of any hospital can never be the work of one man alone, but is essentially the work of a team, the principal members being representatives of the administrative, medical, surgical and nursing services, the specialist services and the architect

and his small team of consultants dealing with constructional and engineering problems.

The first task of the team will be to decide the total bed capacity of the new hospital. Clearly this must have definite relation to the needs of the district as then known, with a wide margin for future development. This is important from the architect's point of view as the planning of the building, and general engineering services must be on the maximum rather than the minimum scale. Apart from this, if the whole layout is not considered as one, there is more than a chance that in the future additional buildings will be added that will not fit in with the general layout. This has happened many times in the past, often with disastrous results. The planning of the whole should give as flexible a layout as the site will allow, the flexibility of the individual units will be considered later.

With the bed capacity agreed, the team must consider and divide the total into the various categories of medical, surgical and specialist cases, and a further sub-division to give the required proportions between men, women and children. The Hospital Survey gave a general indication as to these sub-divisions and for what it is worth the writer attaches a list he has worked out, but so much depends on the district in which the hospital will be situated, that probably there will be substantial differences in every hospital.

The basis of the following list is that a sister's ward unit is one of 25 beds, but possibly some of the specialists units will run a little higher, up to 30 beds in the unit.

(a) Medical	6/25 =	150
(b) Surgical	6/25 =	150
(c) Children	2/25 =	50
(d) Gynaecological ..	2/25 =	50
(e) Maternity	2/25 =	50
(f) Ear, Nose and Throat	1/30 =	30
(g) Fracture and Orthopaedic	2/25 =	50
(h) Accident	1/25 =	25
(i) Genito-Urinary ..	1/25 =	25
(j) Ophthalmic	1/25 =	25
(k) Skin	1/25 =	25
(l) T.B.	1/25 =	25
(m) Chronic Sick	2/25 =	50

(n) Infectious	2/25 =	50
(o) Observation	and	
Isolation	10 =	10
(p) Neurological	1/25 =	25
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Having settled the sub-division, the next important problem to be solved by the team is the composition of the individual ward units to be controlled by the sister.

There is bound to be considerable discussion on this point because to-day there are two distinct schools of thought, one which advocates the small wards or rooms and the other which favours the more open type of planning customary in this country, with large wards having a small number of single-bed side wards.

Here is an opportunity to make some comparisons with the Continental and American hospitals. In the great new hospitals in Stockholm, Switzerland and elsewhere, the small rooms holding no more than six beds as a maximum has been the principle adopted, the ward unit as a whole varying from 25 to 50 beds. There are advantages in this form of planning, but there are also many disadvantages, and in the writer's opinion the final decision can only be made by the medical members of the team, after weighing up the pros and cons very carefully.

From the administrative angle it is clear that a multiplicity of small wards must increase the nursing difficulties. From the architect's point of view it will increase the planning difficulties and is bound to produce a larger and therefore more costly building. On the other hand the small wards do give the individual patient more privacy and are likely to produce a more homely atmosphere. They do not require to be cross-ventilated and can therefore be strung out along one side of the main corridor. This is a feature in the Stockholm hospitals, and in them it is quite satisfactory, but the result must be to produce a very long corridor indeed, in fact some of them are over 1,000 feet long. In the alternative type of open-ward planning, it will be essential to arrange for cross-ventilation, but a far greater degree of concentration can be obtained which means a less costly

building, with wards easier to administer.

The writer has in mind a modification which would give a 20 bed ward, so planned that it can be divided into two 10 bed wards if required, with five 1 bed side wards, the whole unit being under one sister. Each of the beds in the general ward will be cubicled by curtains and by planning on these lines it would be possible to use the 10 bed wards for either sex, if necessary, suitable arrangements being made for the duplication of sanitary offices, etc. The team must decide which of these two types is to be adopted, and the architect can then plan accordingly.

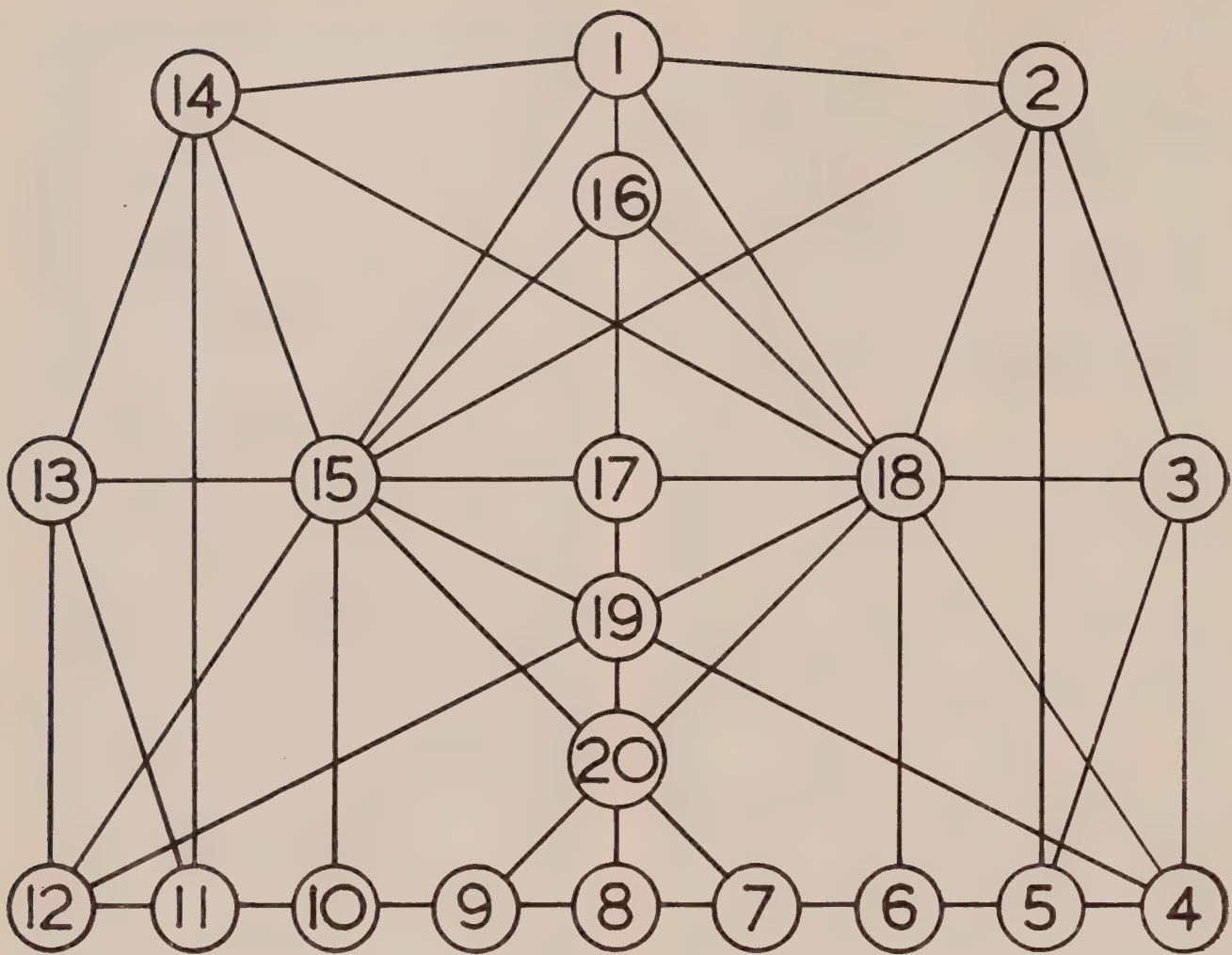
As for the ward unit itself, the general requirements are well known and all the usual ancillary offices must be provided together with any special rooms that may be desired. Day rooms, visitors' rooms, special sterilising and dressing rooms, are now asked for, and it is advisable to have one or two rooms unallotted for future developments as they may occur. So often in the past these ancillary rooms have been cut to the barest minimum, and all the space has been given to the wards, to-day, the proportion of the floor space for the actual wards for patients is about 40%, and the remaining 60% will be required for the offices.

By fixing the general ward units at 25 beds each, it is possible to plan them vertically over each other, and this is most essential, especially in regard to the planning of the sanitary and other offices. This question of vertical planning is one of considerable importance, and under present day conditions can be the only really satisfactory method to be adopted. The old fashioned method of limiting the heights of ward blocks to two or three floors, leads to the long spinal corridor pavilion type plan with wards projecting from each side of the corridor, a scheme which—while good of its kind—was very extravagant of site. To-day the great desire is for concentration and reduction of horizontal movement, in other words, short corridors and high buildings with a very good lift service to all departments. This type of planning has one important advantage as it provides more open space on the site, for amenities for the benefit of patients and staff.

When the team has decided these points, the architect will have obtained some definite data upon which to base his preliminary layout. He will then have to concentrate on producing a "shape" which will fit comfortably into the site. Here it is well to note that every site will take a differently shaped building, and it is impossible to imagine a stock pattern hospital plan which can be pulled out of a drawer and handed over to a builder all ready to be used. Recently two articles were published, one by a doctor and one by an architect, both seriously advocating that the plans of any new hospital should be worked out in detail by all concerned, and then, when completed, a site should be found on which the plan should be fitted. This is quite impossible, and a perfect example of putting the cart before the horse! The team of experts should, at this stage, have a pretty clear idea of what will be wanted to complete the layout, and a comprehensive list of the departments would be drawn up, with further detailed information on what accommodation will be required in each of them. In all cases the advice of those who will administer and work in these departments should be sought, and the architect's sketches for the individual departments should be discussed with those specialists before being incorporated in his "shape" or block plan.

The correct placing of all these departments in relation to each other and all other parts of the hospital will, in the sum total, decide whether the plan is good or bad. To set out in detail the many departments and their accommodation would more than fill up the space allotted for the whole of this article, but an attempt is made by means of the graph illustrated on the next page to show the connections between the various units.

It will be readily understood that every one of these departments will, in turn, be sub-divided in order to provide the detailed accommodation required. For instance No. 1 will contain the board room, superintendents' and secretarial departments, accountants' and stewards' offices, committee rooms, etc. No. 2 will have medical staff common rooms, committee rooms, perhaps consulting rooms and cloak rooms. No. 3, the engineer, whose department will be a



KEY

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|--------------------------------|--|
| 1. Central Administration. | 12. Mortuary and Post-Mortem. |
| 2. Medical Staff. | 13. Nursing and Maids Staff. |
| 3. Engineer. Works Department. | 14. Matron's Office. |
| 4. Visitors. | 15. Outpatients' Clinics. |
| 5. } | 16. Resident Medical Officers. |
| 6. } | 17. Central Kitchens. |
| 7. } General Wards | 18. Specialists' Rooms. |
| 8. } and | 19. X-Ray Diagnostic Department. |
| 9. } Operating Theatres. | 20. Central Clinical Lecture Theatre and |
| 10. } | Research Department. |
| 11. } | |

very big one, will cover the whole of the central boiler house, providing all the steam for heating, hot water, cooking and sterilisation, all the plant for the electrical work, both power and light, the laundry and similar plant, also under the control of the engineer, would be a well-organised and equipped works department capable of doing every kind of engineering and maintenance repairs, including a certain amount of joinery and general building work. This unit, if well administered and with efficient control, can save the hospital a lot of money in a year's work. No. 4, under this heading should be provided, a small unit for patients' relatives and visitors, and is one which is very rarely found in hospitals in this country. There should be some arrangement whereby visitors can be put up for a night or two in case of

emergency, when visiting patients. Nos. 5 to 11 cover the general wards for all categories of patients, these units will, of course, be connected with every other department, and in addition to the wards themselves, will contain the operating theatres. These latter will have to be most carefully considered in detail by the team, bringing into consultation the surgeons, matron and theatre sisters. First it will be necessary to determine the number, and this may mean perhaps 6 or 8 general theatres with specialist theatres for gynaecological and maternity units. One matter upon which there may be discussion is whether the surgical ward units, possibly planned vertically over each other should have a theatre or theatres on each floor or whether the theatres should be all grouped together. There are advantages and disadvantages

in both systems. If, for instance, it is decided to plan twin theatres on a particular surgical ward floor, this means much less movement of patients to these theatres, but, on the other hand, it means a duplication of staff and plant. If it is decided to concentrate the theatres in one large group, preferably on the top floor, then all surgical patients have to be brought to that floor. The great advantage is, of course, the high concentration of a very complicated department, a saving of staff and plant, and the engineering problems of heating, lighting and ventilating can be more easily dealt with. The writer leans very strongly to this latter system and is developing such a layout in a large teaching hospital in London, where 12 theatres are required, 6 being for general surgery (3 twin sets) and 6 being specialist theatres. In addition to these there will be separate theatres for gynaecological and maternity work planned as part of these special ward units.

To-day a theatre suite is a most complicated piece of planning, which calls for the greatest ingenuity to fit everything into its right place to give the proper sequences of work and movement for all those using them. A further problem is one of ventilation as there must be a full and comprehensive system of both fresh, clean, filtered, warmed or cooled air intake, with a corresponding mechanical extract of foul air. Recently experiments have been carried out on this problem which may have a marked effect on the planning of a theatre suite, as it has been found that the "bacterial purity" of the air varies considerably (in proportions not yet finally determined) according to the changes of air per hour. This may mean that these changes will have to be "stepped up" beyond the customary 12 changes per hour generally considered sufficient and in turn this will mean greatly increased power in the technical plant, and therefore more floor space will be required. A special reference has been made to this point as it is one of great importance to the architect when considering his theatre layout.

No. 12 is the mortuary and post-mortem department. This unit again wants careful siting and planning as it

should be so placed that it is screened from all wards, with, if possible, a separate exit to a main road. At the same time it must be easily accessible to the wards and for patients' friends and relations. Ample space should be provided for mortuary chapels, mortuary, cold storage, and P.M. room and pathologists' rooms and laboratory. It is usual to include a room for the undertaker and a coffin store.

No. 13. The housing of the nursing staff presents one of the great difficulties of hospital planning. To-day there is a definite desire to plan and house on a luxury scale undreamed of in the "old days." While it is true that in the past, in very many cases, the accommodation was wholly inadequate, some at least of the bigger hospitals realised the importance of housing their nurses and maids really comfortably. The writer has in mind the Home at the Derbyshire Royal Infirmary designed by his father, and built some 50 years ago, which then had nearly all the amenities that are to-day considered essential, and all the rooms were 100 ft. super or more, the standard now asked for. The real planning problem is one of scale, and the necessity to produce a homely type of building as opposed to an institutional type. There is also the possibility that in the future the senior nursing staff may be able to live out. This, if feasible, will mean a smaller building. In any case, the home should be very carefully sited with its own grounds and tennis courts, and with other facilities for recreation. It is possible that a preliminary training school will be attached, though it may be that this unit will be developed centrally to cover a group or even a region, thus producing a pool from which all hospitals in the group or region could draw.

No. 14. The matron and her department must be closely linked with all parts of the hospital, and ample space must be given for the secretarial work and records and rooms for assistant matrons, interviewing and waiting rooms, etc.

No. 15. The outpatients and casualty departments would require for a detailed description of its planning a complete article to itself. To plan a really successful department calls

for the most careful collaboration with everyone who will be working in it, not only the surgeons and physicians, but also the matron, sisters, R.M.O.s, the nursing staff and porters all should be given an opportunity of submitting their views on its workability. There will be broadly a series of separate and yet closely interrelated departments.

(a) Ambulance casualties, *i.e.* cases brought to the hospital by car or ambulance as accidents. These should have a separate entrance screened from all others. Here cases are dealt with as required. The unit should be in direct touch with the accident wards and the mortuary department.

(b) All other patients, either

(1) New

(2) Old

(3) Ambulant Casualties

should enter by a main entrance controlled by porters, and from there patients will be drafted by lifts or staircases to the various clinics.

It is assumed that the building will be multi-storey as to-day it is impossible to consider a department such as this spread over a large area of site as a one storey building. The days of the great central waiting space with hard wooden forms to sit on are gone for ever. The ideal is small waiting or rest rooms suitably equipped, one for central registration and the others placed strategically to suit the various clinics. They will be under control of porters or sisters, and the patients will be passed on from these to the clinics as required. By the adoption of an appointment system (and many are now in use) it is expected that the time any patient has to wait will be very greatly reduced, but it is inevitable in the nature of things, having in mind the functions of the unit, that there must be some delays in seeing individual patients.

The clinics will cover all the departments such as medical, surgical, X-Ray diagnostic, fracture, gynaecological, paediatric, throat, ear and nose, dermatological, dental, ophthalmic, orthopaedic and others. There should also be a welfare and follow-up section.

There must be easy communication with the main wards and operating

theatres, although there must be theatres in the department.

The siting of the department is very important and there would seem to be three principles which can be considered.

(1) A separate self-contained building.

(2) A separate section of the main building.

(3) A series of separate specialist units planned as part of the corresponding ward units in the main building.

No. (1) was the customary method in the past, a large one storey building connected to the main hospital, and placed at the extreme end of the long central corridor, thus putting it as far away from the wards as possible.

No. (2). This is the method adopted at the Stockholm hospitals. Here the polytechnics are planned on very generous lines, multi-storey, and each clinic is very closely in touch with its ward unit. This seems to be the right principle.

No. (3). This method has been tried out in this country, and while it may have some advantages it does seem wrong to bring all the work of the out-patients up to an inpatient floor, and so complicate the work of an already busy ward unit. This method is not advocated as it does not provide a satisfactory solution to the problem of siting the outpatients' department.

It is not yet clear what the relationship will be between the hospital outpatients' department and the health centres, as envisaged under the National Health Service Act. This is a matter that will have to be settled, as otherwise there is a grave risk of overlapping and consequent disorganisation of public services.

No. 16. In a hospital of the size under consideration, there will be a number of resident medical officers, both men and women, perhaps one per 100 would be a reasonable proportion. Their accommodation should be planned on generous lines with facilities for private study and common rooms where they can entertain their friends. They should have easy access to the wards and all other parts of the hospital.

No. 17. The central kitchens, stores, etc. This department is perhaps

the most difficult to site and plan, as it must have easy access to and from a main road, and at the same time must be planned as nearly central as possible for quick service to the main wards and the central dining rooms for the staff. It may be that the work should be split up and that there should be more than one kitchen, *i.e.* that there should be one kitchen for inpatients and one for nursing staff, and possibly one for resident administrative staff and private patients, if any. In any case there must be a separate dietetic kitchen.

A completely open mind should be kept on the planning and siting of this department until the scheme as a whole has begun to take shape. The question as to whether the department should be at basement level, half way up, or on the top floor, could not be answered until the block plan showing all the units has been studied by the team. There are examples of main kitchens in all the above positions, and all or any of them can be justified. On the whole it is thought that centrally placed at basement level is likely to be the most suitable, with direct access by road to that level, and with direct access by special lifts to the various wards units and dining rooms. The concentration of dining rooms for residents, administrative and other staff, nurses, maids and porters would, if possible, produce the quick direct service that is desirable, though this may not always be possible. Some hospitals have recently tried out a system of communal dining rooms where anyone working in the hospital, between the hours allotted, can go for their meals, and it seems to be working satisfactorily, but might not do so in a very large building, where there might be many hundreds to feed. The answer to this problem is a fundamental one, and before a decision is reached must be most carefully considered.

There is another matter in connection with the catering side of hospital life which is likely to loom very large in the future, and that is the development and use of "Frood." The production of this commodity is being handled by the biggest catering firm in the country and, to describe it briefly, it consists of bulk cooking, deep freezing and cold storage at some central depot and

then transference of the frozen food to wherever it is required for cold storage on site, and finally reheating as and when required. Experiments in the use of "Frood" have been made at a number of hospitals in London and elsewhere, generally with satisfactory results. If it is found that such a system is really practicable, and that from the dietetic point of view the food thus cooked does not suffer any loss in nutritive or any other value, it is clear that the introduction of such a system into a large hospital will have a very revolutionary effect on the planning and equipment of the central kitchen. Before, therefore, this department is considered in detail, this new method will require most careful thought and discussion before it is accepted as being the most economical and scientific method of producing cooked food in bulk which will satisfy the many different catering requirements in a hospital.

No. 18. Attached to the hospital there may be required a small unit for the specialist consultants, medical, surgical and others. If so it would consist of a series of consulting rooms with their examining rooms, waiting rooms and some facilities for the necessary secretarial and records work. The unit would be in close touch with the main wards, the outpatients' clinics and the administrative, medical and nursing departments.

No. 19. The X-Ray diagnostic department is one which will require special consideration when planning and siting. The ideal place is central, and in very close touch with main wards and outpatients' departments. In its detailed planning there are many difficulties, one being the constant changes in the costly equipment, always, apparently, resulting in more space being required. For this reason any new layout should be so flexible, and with a number of spare rooms or even open spaces which can be used, if required, at a later date. Good light and air is essential for all patients' waiting and other rooms, and even the screening rooms should be well lighted though much of the work takes place in the dark. The detailed planning and equipping of this department will have to be worked out with the radiologist and his team of experts, including the architect and the specialist

firms supplying the apparatus. Great care will have to be taken when dealing with the ventilation of the unit which will have to be entirely mechanically controlled.

No. 20. It is certain that some research will be carried out in a hospital of the size under discussion, and this department together with a large clinical lecture theatre should be sited centrally and in close touch with the main wards, outpatients, and specialist units. The detailed requirements would depend on the amount of work that is to be done.

This completes a short and, therefore, not very detailed description of the principal units which go to make up the hospital.

With regard to the construction of the buildings they will be steel-framed, of fire-resisting materials with either external stonework or brickwork, largely depending on the district in which the hospital is built. No particular style of architecture can be adopted, the design will be born of the plan and the desire to get a simple, dignified elevation from all angles.

It is essential that the buildings should be multi-storey, the height being limited only by the constructional problems of foundations and the restrictions imposed under town and country planning in respect of angles of light, site cover and heights of buildings. Internally there will be the usual problems of the right materials for the finishings for floors, walls and ceilings. Every endeavour should be made to select these materials (all the best of their kind) with a view to reducing maintenance costs to a minimum and to keep the buildings as quiet as pos-

sible. Earlier in this article reference was made to flexibility in layout. This is extremely difficult to plan for, having regard to the many changes, extensions and alterations which are bound to be required in the future. These great groups of buildings must be built of permanent materials, as it is inconceivable that the "temporary hutting" so popular as an easy and bad way out of a difficult building situation can be a satisfactory alternative. This country deserves something better than a group of "prefabricated hutments" for its new hospital buildings. The only way in which some degree of flexibility can be obtained, therefore, is to construct the floors of all buildings strong enough to take $4\frac{1}{2}$ " brick walls at any place, at any time, to any height that is required, leaving the external walls, main stanchions, staircases and lifts untouched. By this means it should be possible to replan whole floors at any time without interfering with the main structure.

No attempt in this article has been made to show, by plans, any suggested layout of any particular department, as it is impossible to do this satisfactorily, there being no value in trying to plan the ideal special department or unit divorced from the scheme as a whole. Rather, the intention has been to show, in the broadest outline, the many single units which, with knowledge and imagination on the part of the team, have to be put together so that the whole will function as a smooth-running efficient machine. It is hoped that some, if not all, of the points touched on will be of help to those now engaged on the most difficult of tasks, that is the planning, construction and equipment of our future hospitals.

Mental Health Services

by

W. REES-THOMAS, M.D., F.R.C.P., D.P.M., K.H.P.,
a Senior Commissioner of the Board of Control

THE main and indeed the only practical aim of mental hygiene is the development of a technique for the maintenance of a healthy mind in the individual as well as in the community as a whole. As a means to that end psychiatry is a social science in which the normal and abnormal reactions of the single or the group mind are equally worthy of study. The potentialities for mental hygiene activity in the broad field of public health have not yet been fully realised, partly because of our lack of knowledge and partly because mental aberrations and maladjustments carry with them some degree of social disgrace; and the recovering patient has to make both an individual and a social recovery, a burden greater than that imposed on the average sufferer from physical illness. We have then to face an illness which carries with it social penalties and to build up our preventive and treatment services in an atmosphere of resistance—a mental withdrawal from which both society and the sufferer are equally the victims. The patient who finds that he cannot make the requisite adjustments to life is in the unhappy position that he not only fears the illness from which he suffers, but he fears also to confess to it. So much more than in physical illness is his very self at stake, and so much less is society a sympathetic father confessor.

Thus mental hygiene is concerned as much with social reactions as with the more obvious problem of care and treatment of the individual sufferer. But if we have made due allowance for the vagueness of human beings when they are not in immediate danger we realise that the rate of progress of mass education in social hygiene must be slow. We should face the facts of mental illness and ask all and sundry

to accept it for what it is and to realise that as with other diseases recovery or relief in most cases is just round the corner. One of the many advantages of a new outlook on disturbances of this kind lies in the need for the patient to come for treatment early or, if he does not come early, to accept treatment without any social pressures or compulsions. Psychiatrists are agreed that compulsion and any form of certification is undesirable and often renders treatment ineffectual. But it should be put on record that the number and proportion of voluntary patients coming to mental hospitals for treatment increases year by year. This is the surest indication of a growing confidence in hospitals for the treatment of the patients suffering from mental and nervous illnesses.

For administrative purposes the mental health services have been divided between the local authorities, the regional hospital boards and the teaching hospitals. The local authorities are responsible in the main for community and non-specialist services and the regional hospital boards and teaching hospitals for hospital and specialist services.

Mental health is a part of the whole health service, whether in hospital or in the community. Mental and physical illnesses do not belong to distinct and separate fields of medicine; there is much overlap. Indeed the proposals for the development of the mental health services presuppose close co-operation with general medicine and the provision of beds in general hospitals as well as the continuation and enlargement of out-patient departments. The main provision of beds is, however, to be in the mental hospital, a unit which has been used, except during war, exclusively for the treatment of the mentally ill.

The whole question of hospital accommodation is a complicated one and as yet a complete answer cannot be provided. The following arrangements will, however, represent in the main the opinions of those who are working in the field of psychiatry and medicine.

For in-patients the beds will be distributed on these general lines:—

(a) *In mental hospitals.* The number of beds needed is not certain. Much will depend on the success of other measures of treatment applied to non-resident patients, and how the aged are to be dealt with. The annual admission rate averages about 100 per 100,000 of the population with exceptional figures up to 280 or more in a few hospitals. Admissions include a high proportion (more than 50%) of voluntary patients, a small number of temporary patients, the remainder being received and detained under a magistrate's order. For the moment the in-patient needs represent something like 3.5—4.0 per thousand of the general population.

The optimum size of the mental hospital is 1,000 beds, certainly no more.

(b) *In teaching psychiatric units.* These would be set up in university centres where undergraduate and post-graduate teaching is carried on. The number of beds should be sufficient to provide proper classification and to enable a wide variety of cases to be admitted for teaching purposes. It is thought that in practice at least 100 beds would be required.

(c) *In neurosis centres.* Many think that the good work done in the neurosis centres set up during the war as part of the Emergency Medical Service should be continued in peace time and that in each area or each region there should be a unit for the treatment of neurotic illnesses. It should be staffed by general physicians and others as well as by psychiatrists so that the disease can be approached and treated from whatever angle may be indicated by expert opinion in the appropriate field.

(d) *In general hospitals.* Beds for early cases of neuroses and psychoses have already been set up in a number of general and teaching hospitals. They can be arranged in small groups or in special wards for patients who

do not show behaviour difficulties and who mix reasonably well with others. The beds will be fed from the out-patient departments and from the other wards of the hospital. It has been suggested that in large areas provision should be made in a larger unit which would be part of the hospital or be situated near by so that all the diagnostic and treatment facilities of the general hospital would be available to the psychiatrist. Such psychiatric units would perform a very useful function in dealing with early cases which require only a short period in hospital.

(e) *In observation wards.* Beds for cases admitted under Section 20 of the Lunacy Act will still be required in general hospitals in some areas. They should be equipped and staffed for full treatment; observation without treatment is an anachronism. Under the National Health Service Act, patients may be now admitted for observation to mental hospitals.

(f) *In buildings set aside for the treatment of old people.* It is now generally accepted that aged persons suffering from the degenerative processes of later life should not on that account be certified as persons of unsound mind if any other means of dealing with them can be made available in the area. Patients of 65 and over suffering from mental deterioration and who cannot be dealt with in wards for the aged sick might be nursed in buildings where mental nursing is available. They should be sent to a mental hospital only if the mental state makes such a move essential.

(g) Institutions for defectives are provided in most areas but the shortage of accommodation is very great. By the use of adapted buildings, e.g. ex-poor law accommodation it may be possible to provide additional beds for certain classes of defectives, e.g. very low grade or elderly patients.

The additional accommodation required in M.D. institutions generally would follow the usual pattern.

Hostels for patients working in the community represents an inexpensive but invaluable addition to the means of treatment of the middle and high-grade defectives.

(h) *In-patient beds for sick children.* This follows the usual practice

excepting that children should be housed in separate wards or buildings and that the "hospital" may take the form of a treatment hostel. In any event some classification is necessary to separate the psychotic and troublesome from the milder types who do better away from the atmosphere of a hospital.

Out-patient Treatment

During recent years much attention has been paid to the problems of children who do not need in-patient treatment. Abnormalities and difficulties of adjustment arising from many causes cry out for treatment. The first clinic was set up in East London in 1926 and a year later the Child Guidance Council was formed. In recent years child guidance clinics have been established and developed by the education authorities and local health authorities as well as by voluntary effort on a considerable scale. Under the National Health Service Act the specialist services will be the subject of arrangement between the regional hospital boards and the local authorities. For purposes of description we will call the provision made by the local education authority as the child guidance centre and that by the regional hospital board as the child guidance clinic. The centre will presumably deal with problems where the solution is educational or social in character. It will have the services of a psychiatrist who will deal with medical problems of diagnosis and will give advice. Treatment generally, and especially long-term treatment, will be provided by the team of workers on the hospital services side in the child guidance clinic.

While in most areas the two bodies concerned, i.e. the local education authorities and the regional hospital boards may work together and the two services carry on in one building, such a happy arrangement is not always possible. A few of the clinics will be part of children's departments in adult hospitals or in hospitals for children. Whatever scheme is adopted, it is important that the child shall not be passed from one psychiatrist to another but that continuity of treatment will be secured, if necessary by the joint use of medical and social staff.

Out-patient clinics for adults will be situated as now in general hospitals, in separate buildings allocated for this purpose, or in mental hospitals. The last are commonly situated some distance from urban centres and sometimes transport facilities are poor so that regular or frequent attendance is difficult. Out-patient departments provide a service of great social importance; the need for more centres and more frequent clinics is generally agreed. As many of the clinics in urban areas are almost overwhelmed by the number who come for advice and treatment, new centres are being established and the facilities of existing clinics developed, but progress must to some extent depend on the availability of trained staff.

To describe in detail the mental health services to be provided by local health authorities would fill more than my permitted space. I will, however, give quite briefly an account of the work which can be done to ensure that the patient in the community is to receive the attention and the service he needs. The mental health functions of the local health authorities can be divided into those relating to mental treatment, those to mental deficiency and those which are classed as care, after-care and prevention.

In order to carry out their duties relating to the initial proceedings in providing care and treatment for persons suffering from mental illness the local health authorities will appoint duly authorised officers. This work has hitherto been carried out by the relieving officers of the local authority. While on the face of it this new appointment seems to involve only a change of name it is thought that in practice the officer will give the whole or much of his time to assist with other mental health work in the community. In order to give some training to relieving officers in this special community work, short courses of instruction are being held in London and in provincial centres.

The duties of local health authorities relating to mental deficiency include the ascertainment of defectives, the supervision of defectives in the community, the training and occupation of those defectives who are not in institutions and the taking of appropriate

steps to secure that defectives who need it are placed under institutional care or guardianship.

On the more general side there are many problems relating to patients who have left hospital and who need someone who will help to solve problems of employment and of re-adjustment to the community and the home. While this task may not at the moment appear to be of massive proportions, I am convinced that the need is great and that development along these lines will be of service to the community. The further tasks under section 28 of the National Health Service Act, 1946 include community care of persons not included above and of measures to promote good mental health. The common worries and fears of our daily lives, the relationships of the common man to his fellows in society, the home problems of husband, wife and child are all in greater or lesser degree part of the physical and mental health of the

individual. The help which is so much needed can be provided through social as well as medical channels and should not be thought of in terms of attendance at a psychiatric clinic or residence in a hospital. The services can be presented by the development of existing facilities and the setting up of new means within the ordinary community. Social services offered to the public for their general welfare cannot be complete without catering also for the minor diseases of the mind which we euphemistically describe as family trouble. For this purpose trained workers are as necessary as if the patient had developed a full-blooded psychosis. And who knows exactly at what point treatment is most effective? In the past we have tried to persuade ourselves that mental illness only exists when admission to hospital has become imperative. I feel sure that early treatment and preventive care will give better results.

The Financial Administration of Hospitals under the National Service Act

By **GEOFFREY A. ROBINSON, A.C.A., A.H.A.**

Deputy Secretary, The National Hospital, Queen Square, London, W.C.1.

BEFORE July 1948 there was no specific legislation in respect of the manner in which voluntary hospitals were required to keep their accounts. Local authority hospitals and institutions were obliged to conform to the requirements of the local authorities concerned, but voluntary hospitals were, generally speaking, free to keep their accounts and financial records in whatever form they wished.

So far as the hospital authorities were custodians of trust funds, however, they were subject to the general laws affecting trustees and were bound to act in accordance with the terms of the trust in the investment of the trust funds and in accounting for the income and expenditure of such funds. Those hospitals with endowments were also subject to the control of the Charity Commissioners.

In London, hospitals which desired to participate in the annual distributions by the King Edward's Hospital Fund for London, the Metropolitan Hospital Sunday Fund and the Hospital Saturday Fund were required to draw up their annual income and expenditure accounts and balance sheets in accordance with the Revised Uniform System of Hospital Accounts. In practice, many provincial hospitals, although under no obligation to do so, also prepared their annual accounts in a form similar to the Revised Uniform System.

Individual hospitals have, in the past, been responsible for raising funds necessary to defray their expenditure. Budgets, departmental accounts and other financial reports were matters which concerned only boards of management or other governing bodies and received varying degrees of attention.

The National Health Service Act, 1946 provides (S. 55 (2)) that every

regional hospital board, board of governors of a teaching hospital, and hospital management committee shall keep accounts in accordance with the requirements of the Treasury. Such accounts will be audited by auditors appointed by the Minister of Health, and annual accounts, in respect of each financial year ending on 31st March, will be prepared and submitted to the Minister, to be summarised by him and transmitted to the Comptroller and Auditor General on or before 30th November in each year. The summarised accounts will be examined and certified by the Auditor General and laid, together with his report, before both Houses of Parliament.

Since the accounts of all hospital boards and committees are in future to be summarised and laid before Parliament, the Minister of Health has made regulations (S.I. 1948 No. 1414) providing for uniform methods of accounting to be adopted by hospital governing bodies.

The whole of the expenditure on the health services is defrayed out of monies provided by Parliament. These monies must, in accordance with parliamentary practice, be voted in advance, and for this purpose estimates of income and expenditure have to be made some six months before the commencement of the year to which they relate.

Separate estimates of capital expenditure, income and maintenance expenditure have to be submitted in the form set out in the regulations. After approval by the Minister, with or without modification, boards of governors and regional hospital boards will be notified of the approved amounts which may be expended under each of a number of headings. Although the Minister's approval extends to subheads of expenditure for

each teaching hospital group and for each hospital management committee, he may approve of savings made under one or more subheads being used to offset excess expenditure under other subheads. Should the total expenditure appear likely to exceed the original estimates, however, revised estimates must be submitted for the Minister's approval.

When the annual accounts of boards and committees have been submitted to the Minister he will consider them, in conjunction with the report of the auditor thereon, and approve them, with or without modification. No indication is given of the action which will be taken in connection with any expenditure which has been incurred but is disallowed by the Minister.

The Regulations also provide machinery for making monthly advances of cash to hospital authorities to meet their expenditure. All salaries and traders accounts are to be paid by cheque or other order and authorised, by prior resolution of the board or committee or of its finance committee or sub-committee.

The chief financial officer may maintain a banking account for the purpose of paying the remuneration of officers or servants falling due for payment at intervals of less than one month, payments under £2 and payments of an urgent nature. This account is to be kept on the imprest system and periodical advances to meet expenditure will be made from the main bank account by resolution of the board or other authorised body.

It will be noted that any variation from the prescribed system of payment of accounts requires the approval of the Minister. Examples of the type of procedure requiring such approval are: payment of certain monthly staff (e.g. nurses) by cash drawn from the imprest banking account; the use of the traders' credit system for paying salaries and creditors; the maintenance of banking accounts for "petty cash" purposes other than the account maintained by the chief financial officer of each board or committee, or his deputy.

Every payment of cash requires, either directly or indirectly, a resolution of the hospital governing body. This appears to lose sight of the fact that the

money is actually expended when goods are ordered and consumed and as the employees carry out their duties.

A mere resolution authorising cheques totalling a given amount to be drawn and signed means nothing. No body of persons possesses the skill nor can it spare the time necessary to carry out a thorough check to ensure that every payment is in order. Whatever responsibility the board takes, it must, in the end, rely upon its permanent officials. These officials are, in turn, subject to the attentions of the Ministry auditors for the proper conduct of the hospital finances. It is hardly to be supposed that these auditors confine their activities to a comparison of the amounts expended with the figures recited in the minutes of the board or committee concerned.

On the other hand, the requirement that cheques require the signature of a member of the board or committee ensures that an opportunity is provided for a representative of that body to familiarise himself with the day to day transactions of the organisation and to gain information which can prove of considerable value to the committee when considering the budgets, accounts and financial reports presented to them. The committee should concentrate upon maintaining a watching brief over the true financial activities of the hospital as shown by the periodical accounts, rather than passing meaningless resolutions authorising the disbursement of money which it has no power to withhold.

The form of the personal, impersonal and final accounts is set out in some detail in the Regulations and chief financial officers are charged with the responsibility to the board or committee for the maintenance of complete stores records.

Finally, boards and committees are required to prepare annual cost accounts in such form as the Minister may require. So far, no indication has been given of the form which these accounts are to take.

Opportunities for Re-organisation

At first sight, it may appear that compliance with these regulations will involve a great deal of reorganisation and will throw additional burdens upon

already overworked hospital staffs. Hospital administrators have already received numbers of forms to be completed, returns to be made and queries to be answered, and a great number of man-hours has been spent in compiling the information required.

It requires little imagination, however, to appreciate that the obligation to fulfil the requirements of the Health Act provides hospital authorities with an excellent opportunity to undertake the long overdue re-organisation of their accounting systems. Hospital accounts, generally speaking, have fallen below the standard set by commercial undertakings. Business men have long realised that accounts are the nerve centre of their organisations and have based their actions upon the intelligent interpretation of up-to-date financial reports. Hospitals, on the other hand, have been content to be guided by the state of their bank balances and by the annual overall costs per out-patient and per in-patient—information which has often been out of date before it has been published.

True, some of the more progressive hospital authorities, realising the position, have taken steps to improve their accounting organisation and it is to be hoped that the present opportunities will be seized by the remainder in order that the health services of the country may have the benefit of sound financial administration.

The annual budget, which has to be prepared six months before the commencement of the year to which it relates, cannot be the product of guesswork. It must be a realistic and reliable forecast, taking into account all the factors known at the time it is compiled. The actual expenditure for each year, as it is incurred, must be compared with the budget and any variations between the two sets of figures must be detected as soon as they arise and the reasons sought. This information should be available immediately after the end of the period to which it relates, otherwise by the time the differences are disclosed they may have increased in magnitude—with the consequent reduction in the effectiveness of the system of control.

The intelligent financial officer will not be content with mere comparisons

of the actual with the budgeted expenditure for the group of hospitals under his control, reporting any variations to the governing body and, if necessary, submitting revised estimates for the Minister's approval. Financial administration means far more than that. Even the regulations already referred to, although apparently so comprehensive, do little more than provide that money and money's worth (stores) which are provided by the taxpayer are not disbursed without obtaining proper authority, that annual accounts are compiled in a uniform manner and that all transactions are recorded in such a way as to be clearly intelligible.

Not a penny in cash nor a spoonful of jam may be expended without proper authorisation and an appropriate record being made of the transaction. But a nurse may break every thermometer she can lay her hands on, and two typists may be engaged to do the work of one—there is no provision for the control of extravagance of this nature. How does the form of accounts required by the Minister enable comparisons to be made of the efficiency of one hospital with another?

The regulations certainly provide for annual cost accounts to be prepared. But information prepared annually is of little practical use. A year is so long a period that important fluctuations in cost at one part of the time may be offset by fluctuations in the opposite direction at another part. For this and other reasons cost accounts should be prepared at shorter intervals of, say, one month.

Departmental Accounts

The only method of ensuring adequate financial control of any organisation, be it factory, shop, coal-mine or hospital, is by means of departmental accounts. The term "cost accounts," although so widely adopted, may be misleading, particularly in so far as hospitals are concerned. The treatment or cure of a patient is not a subject to be considered as costing so much per day. "Cost" is a word more applicable to a trade or industry producing goods for sale. In hospitals it is considered that the term "department accounts" is more appropriate. Such accounts, to be

of value, should be prepared as soon as possible after the end of the period they cover so as to be ready to submit to the governing body, while the information is fresh. Stale information has little value and may, indeed, be misleading.

The purpose of departmental accounts is to show the expenditure incurred by each department in a hospital for a given period, relating it to the activities of the departments concerned and expressing it as a cost per unit of the services rendered.

Departmental costs per unit, so obtained, form a reliable basis for the comparison of budgetted with actual expenditure; costs for different periods can be compared and the effects of variations in prices, wage rates and other prime factors can be measured with a considerable degree of accuracy.

Provided that departmental accounts are prepared on a uniform basis it is possible to compare the costs per unit of activity for departments in different hospitals and by this means to obtain some measure of the comparative efficiency of those departments.

The recent report* made by the Joint Committee on Hospital Accounts, appointed to formulate proposals for a set of accounts that would be applicable to all classes of hospital, contains a number of valuable recommendations on the question of departmental accounts which deserve careful and serious study. These recommendations were made bearing in mind the provisions of the National Health Service Act, 1946.

The usual charge levelled against departmental accounts is that they are costly to run and that the expense is not justified. This objection is usually made by persons who have never seen such accounts in operation, do not know how they are prepared and who assume that the cost of the clerical work involved in preparing the accounts will be just an extra overhead to be met, without any corresponding benefit being obtained.

It is true to say that departmental accounts require skill for their preparation and that skill has to be paid for. But the price to be paid is merely a

premium for the privilege of being in a position to know, at any given time, exactly what the hospital is doing and what it is costing, receiving immediate notice of any untoward variation and the reasons for it, and being able to assess the effect of taking certain courses of action upon the financial position of the organisation. No hospital governing body can afford to close its eyes to these factors. The progressive body will submit its estimates with confidence, knowing that they are based upon reliable information regarding past experience and future prospects. It will be in a position to foresee when additional monies are required and to apply for them without delay. Wastage and extravagance will be detected and ideas for increased efficiency will present themselves. In short, the exercise of sound administration must be based upon up to date, reliable information.

Classification

The first step in the preparation of departmental accounts is to decide upon the classification of the departments among which expenditure is to be analysed. Although no two hospitals are alike it is important that, so far as possible, all hospital departments should be determined on the same basis.

The Joint Committee recommends that expenditure be divided into three sections, namely, direct or basic services, that is to say, those services which are in direct contact with the patients and are common to most hospitals; indirect services, being those which, though less directly affecting the patients are nevertheless integral parts of the hospital; and ancillary services, which are not common to all hospitals. Reference to their report will show the type of department comprised in each of these services.

Once having decided upon the classification of the departments for accounting purposes it is necessary to allocate each item of expenditure for a period to the department to which it relates to obtain the total cost of that department.

The payroll, which records by far

* Report of Joint Committee on Hospital Accounts. The Institute of Hospital Administrators. Price 8s. 6d. Post free.

the largest single item of expenditure is at the same time the simplest to analyse. If the names of the staff are entered on the payroll in departmental order, subtotals can be made for each department and summarised and agreed with the main totals of the payroll. The subtotals can then be incorporated in the departmental accounts. Half the expenditure has thus been accounted for with no more effort than is normally expended in the preparation of the payroll.

So far as expenditure other than wages and salaries is concerned the department for which the expenditure is incurred can be noted on the requisition or order. Each item is then summarised departmentally. Proof of the arithmetical accuracy of the records is obtained by reconciliation of the total of the departmental expenditure for each period with the total of the expenditure recorded in the financial records and the total of the issues from stores.

The classification of expenditure will not, by itself, do more than indicate the trend of expenditure in each department. To obtain the fullest information the financial figures must be considered in relation to the activities of each department.

In each of the direct services statistics will be recorded showing the number of units of work carried out, *e.g.*

Wards..	.. In-patient days.
Theatre	.. Operations.
X-rays	.. Attendances or Films Exposed.
Laboratories	.. Specimens examined.

The following are further examples of what is required:—

- (a) Number of meals served to
- (i) patients ;
 - (ii) resident staff ;
 - (iii) non-resident staff.

(Food returns will give some of this information.)

(b) Number of staff employed in each department distinguishing between:—

- (i) Male ;
- (ii) Female ;
- (iii) Resident ;
- (iv) Non-resident.

(c) Numbers of prescriptions dispensed.

(d) Lbs. of steam generated in boiler house.

(e) Consumption of steam, gas, water and electricity in each department.

Hospitals with their own laundry, bakery, farms, etc., will also need to record statistics of consumption and output of these departments.

The expenditure of each of these departments will be divided by the units of work done and cost per unit obtained.

The cost per unit should be ascertained not only in total but also for each heading of expenditure. Variations in total costs can then be traced to the actual items concerned. A total cost per unit may not reveal compensating variations in costs in the constituent items of expenditure.

Should the departmental accounts reveal a variation in the cost per unit for all the departments for (say) fuel, light, water, etc., it will at once be obvious that there is some overall factor operating. It may be due to a change in the amount of work done, in the quality of materials used, efficiency, or price.

On the other hand an increase in cost per unit of one heading of expense in one department only may reveal wastage or inefficiency in that department. Investigation into the matter will reveal the reason and will provide a satisfactory explanation for the need for modification of the estimates, should such a step become necessary.

It will also be recalled that the regulations made by the Minister provide for his approval of estimates of expenditure under various headings. It is important therefore that the departmental costs should reveal the trend of expenditure under each of such headings.

If such ideal conditions could be achieved wherein the actual expenditure of a hospital or hospital group, month by month, coincided with the estimates for the period—there would be little point in discussing financial administration.

The duties of the chief financial officer would be limited to making accurate records of the transactions carried out by the hospital and accounting for the monies and stores entrusted to his care.

In practice actual expenditure rarely

coincides exactly with that budgetted. Some items of expense such as rent and rates usually follow closely the estimated figures and little comment or attention is required in connection with them. It is to the items that vary that attention must be drawn.

Informed comment can be made only after comparisons have been made between actual and estimated expenditure for a period; the costs for the current period with those for the last one and the corresponding one a year ago, and so forth.

The purposes of such comparisons is to discover variations and the reasons for them. By so doing inefficiency can be traced and a remedy sought. But inefficiency will only be detected if the standards with which the comparisons are made are efficient standards. In other words the yard stick is what the cost per unit in each department should be; not what it has been or what it is estimated to be.

It is suggested that it is in the direction of standard departmental costs that there is scope for the development of hospital accounting practice. To determine the actual cost per unit in a department is simple—the next step is to establish a standard cost. Thoroughly, step by step, the whole department must be examined to ensure that all wastage and inefficiency have been eliminated. This is not a job for the financial officer alone. The head of the department must review his staff to make sure that it is adequate and efficient and that he is not overstaffed. It may be that labour saving devices or more modern equipment could be installed with advantage. And so on. Comparison of the costs of department with those of similar departments in other hospitals may indicate other lines for investigation.

Eventually, it should be possible to arrive at a cost per unit for the department which can be regarded as “standard” by which current expenditure can be measured. It will, of course, be necessary to make upward and downward adjustments in the standards to take into account variations in scales of pay, prices of materials and other changes in items charged to the account. Comparison of the actual expenditure with the standard will

enable the efficiency of the department to be measured.

Centralisation and Uniformity

Although a considerable proportion of the space available for this brief review has been taken up with the question of departmental accounts, it is felt that this is justified by reason of their importance in the field of hospital administration. Mention must be made, however, of one or two other points which deserve comment, in particular, uniformity of accounts and accounting procedure, and centralisation of accounts.

The amalgamation of a number of hospital units, hitherto independent organisations, into a number of larger units under the control of the regional hospital boards and boards of governors, offers many opportunities for the centralisation of accounting services. This is a natural result which, if carried out properly, can result in an all round improvement in accounting practice with a corresponding saving in clerical labour. Mechanised accounting, calculating machines and other labour saving devices can be used. Clerks who were previously engaged on a variety of jobs in a small office can now specialise as, say, wages clerks, cashiers, superannuation clerks, and so forth. Centralisation of stores and bulk buying warrant the employment of skilled officers who are able, by their experience, to buy in the best and cheapest markets, and, by buying in larger quantities, to obtain more advantageous quotations for the goods they purchase.

The Minister of Health has wisely pointed out, however, that, as far as possible, hospital administration should be carried out by the individual hospital management committees, acting through the chief administrative officers of their hospitals. It is well known that whoever controls the purse strings also dictates policy and effectively rules the roost. For this reason hospital management committees should be given freedom to manage their own finances. Each unit is required to prepare its own budget—once that budget is approved, expenditure up to the amount budgetted should be under the control of the management committee.

There have been indications, as in the case of payments to specialists, of a desire to arrange for central payments for a number of hospital units. This may have many advantages, particularly the one of "administration neatness," but such a system tends to become remote, rendering the system inelastic and making for a less personal relationship among those engaged in the hospital service.

In many cases the departmental and annual accounts may be prepared by a central accounts office for a number of hospital units.

The data used in that office, however, must emanate from the individual units and the information prepared from the data should be made available to those units (so far as it concerns them or is of use to them). They should be given an opportunity to comment on the results shown and the information should be available in time for them to make effective use of it.

To carry the principle of centralisation too far is to destroy individuality. Voluntary hospitals have a proud tradition behind them, a tradition in which their supporters have shared and upon which they have built up their position in English history. This tradition has been built up by the personal interest which governing bodies have taken in administering their hospitals. Hospital secretaries too, have shared this interest, their personal contacts with governors, supporters and staff and their personal responsibility to them for the welfare of their hospitals, have all helped to this end.

If this authority to act, to make decisions, and to accept responsibility is taken away, the spirit of the old tradition will fade, to the permanent loss of the patients, staff and the community generally.

More than anything else, freedom in managing their own finances will give governing bodies and administrators a feeling of responsibility. No matter, therefore, to what extent accounts be centralised, it is important that the aim should be to render a service to the individual organisations by the provision of facilities and information which will be of use to their governing bodies.

It is to be expected that uniformity of accounting methods will follow in the

wake of nationalisation. Unfortunately, uniformity too often results in loss of individuality and an attempt to make the organisation fit the system instead of modifying the system to suit the peculiar features of each organisation to which it applies.

There is only one basic method of modern book-keeping—the double entry system—but there are many ways of adapting the system. No two organisations are alike and no two finance officers are alike. The best system for any organisation is the one which not only suits the organisation but at the same time suits the finance officer and his staff and enables them to produce the information required by them and their governing bodies.

The Minister's regulations outline the books and accounts to be kept and there may be a tendency towards a standardised set of books and records, which will be applied regardless of whether they are the best type for the organisations concerned.

Standardisation of this type stifles progress and initiative. No finance officer, worthy of the name, will submit to being told exactly what books he is to keep and how he is to keep them. His prime interest is in being able to produce the information he is asked for, to provide himself with the information he requires to enable him to prepare a financial picture of the activities of the units under his control. He will not be satisfied with operating a routine system, unchanged from year to year. He must experiment with new methods and new equipment and keep pace with the times.

It must not be supposed however, that there must be no uniformity. It all depends upon the correct interpretation of the word itself. It should mean uniformity of meaning and definition. Information in respect of half a dozen different hospitals should be prepared in such a way that it means the same for each hospital. As an example, to say that the cost of a department in one hospital is half the cost of a similar department in another hospital means nothing unless the elements of the cost in each case are the same. The departments must be of similar types—it is useless to compare a diagnostic X-ray department with another which also carries out therapeutic work. The

statistics and values must relate to similar things. Numbers of patients must either mean patients or attendances, in both cases. Wages must either include superannuation or exclude it.

Uniformity then, means uniformity of definition more than uniformity of procedure, and in this respect it is to be encouraged. On the other hand, it would be a mistake to permit the doctrine of uniformity to dictate a standard accounting procedure for all hospitals, whatever their types and nature.

Development of Hospital Accounting

Endowment monies, for which separate accounting records must be kept, may be used by governing bodies for the provision of amenities for patients and staff and for research. The Minister has stated that the term "research" may be widely interpreted to include research into administrative problems, records systems and, presumably, accounting procedure.

Such research as has been carried out in hospitals to date has been confined to the study of patients' records. Organisations such as the Office Management

Association have, however, made studies of office procedure, payroll accounting and kindred subjects. In the hospital field there are many opportunities for research and investigations of this kind. Because of their specialised nature, hospitals present peculiar problems to the accountant. Accounting for overhead expenditure, the problem of capital versus maintenance expenditure, the provision of a charge for depreciation in order that proper comparative costs can be arrived at, and a host of other matters, are all subjects worthy of careful study, the results of which should be made available for the information of hospital administrators.

In this article it has been possible to give only one or two brief observations concerning the financial administration of hospitals under the new regime. It is a subject which is a field for a specialist—for a man qualified by experience and training in all branches of accounts. Such a man, given scope and opportunities, and an adequate rate of remuneration, can take full advantage of the opportunities at hand with consequent benefit to the service to which he devotes his energies.

Personnel Management

By JOHN MUNRO FRASER, M.A.

of the National Institute of Industrial Psychology.

IN any small organisation practically all the management functions are concentrated in the hands of one man at the top. He orders the supplies, engages the staff, arranges the routine, and settles any difficulties on the spot by personal investigation and immediate action. But when the organisation grows it becomes too big for one man to handle and he must begin, often rather reluctantly, to delegate some of his functions to other people.

Usually the first of these functions to become separate is that of accounting and bookkeeping. Perhaps this is because the kind of people who build up large organisations are glad to hand over such tedious and uninteresting work to someone else at the first opportunity, or perhaps it is because they form an easily distinguished collection of responsibilities. Whatever the reason, the medium sized organisation usually has someone in responsible charge of its books and accounts, even though most other matters remain in the hands of the man at the top. Another easily separated group of duties concerns the purchasing of supplies and materials, and again this may be made the responsibility of one man. Others follow, such as distribution, production, development and the like, until in the very large organisations the general manager or chief executive works through about six senior managers, each of whom is fully responsible to him for one function of the organisation's activities.

Now at some point in the proceedings it must become apparent that taking on new staff, training them, seeing to their welfare and settling their grievances, is taking up a lot of time throughout the organisation. Moreover these matters are being handled by all sorts of different people, some of

whom are inclined to be soft and some severe, some of whom have a reputation for fairness and some for favouritism. Certain questions may be settled this way in one department and that way in another, and indeed in some departments they may be dismissing members of their staff while new entrants are being taken on at the other end of the building. There may be different levels of wages for jobs which involve much the same kind of work and altogether the relations of members of the staff with the organisation may be quite chaotic. Someone is needed to sort this mess out, and that is the moment when the personnel function of management becomes distinct and separate.

The aim of the personnel function is to achieve the highest working efficiency among the people employed in the organisation, taking the word efficiency in its broadest sense. Poor relationships, unsympathetic supervision and ruthless dismissals of staff do not conduce to efficient working, although there is a certain feeling that these are what the word connotes in industry. Just as mechanical friction lowers the efficiency of a machine, however, so does emotional friction lower the efficiency of people working together. To be truly efficient there should be happy relationships among the members of an organisation, a spirit of co-operation, and some degree of enthusiasm for the achievement of its purpose. It is part of the personnel manager's duty to foster such a spirit.

Staffing and Organisation

There are several sides to the personnel function, which we shall deal with in turn, but none of these is more important than the maintenance of an adequate working force. Any enterprise is, in the last resort, a

collection of people, and if it contains the wrong kind of people, or even the right people in the wrong places, it can be neither happy nor efficient. Perhaps the best starting point, then, will be to consider the recruitment, selection, transfer and promotion of staff.

Recruitment, or the attraction of suitable candidates from among whom to choose staff, is quite a difficult and sometimes an unrecognised problem. Before the war, when there were as many as two million unemployed in this country, there was never much difficulty about recruitment. A telephone call to the local Ministry of Labour Employment Exchange, an advertisement in the local paper, or even a sign "Men Wanted" on the gate usually brought a satisfactory number of applicants. But nowadays there are less than three hundred thousand unemployed, and these are spread unevenly throughout the country; the employment exchanges are frequently concerned with allocating scarce man-power among employers according to different priorities, and applicants have become aware that they can pick and choose among different types of work. How, then, is a personnel manager to ensure that he gets his share?

To a great extent the attraction of applicants depends on an organisation's standing in the local labour market. If it is known as "a good place to work," where wages are reasonable, employment secure, conditions agreeable, and where a nice type of person is employed, it will have little difficulty. In industry, some firms are known to have waiting lists even though the whole area may be short of workers. Thus there is a kind of snowball effect in personnel management. In an organisation which is well run from this point of view, many of the details look after themselves. In one which is badly run, the best type of staff will not be encouraged to apply and the standards will tend to drop still further.

In the short run, however, a personnel manager can stimulate recruitment by keeping in touch with his sources of supply. Usually the chief of these is the Ministry of Labour Employment Exchange, and personal contact with the local officials will

quickly demonstrate that this service is about the most efficient means possible for putting employers and those seeking work in touch with each other. Furthermore it is run by people who take a pride in their job, who are extremely keen to find out the requirements of local employers, and who do their best to provide them with suitable people. It is always advisable to establish the closest liaison with the local employment exchange. For special cases, however, it may be thought necessary to attract candidates by advertising, and here one must know something about the potentialities of each medium. Some periodicals reach the right kind of people and have a deservedly high reputation for attracting applicants for particular kinds of job. Others which to outward appearance seem likely to be read by suitable people are of little effect; in them the most attractively framed advertisement produces only a thin trickle of replies.

Efficiency and consideration in dealing with applications helps to stimulate recruitment. Unanswered letters, long waits in ante rooms, offhand reception in the office—these tend to send a candidate away with the feeling "I'll never go near that place again," whereas if every candidate, successful or unsuccessful, feels that he has been given fair treatment by an organisation which deals expeditiously with the details of its administration, the word is likely to go round that at best you don't lose anything by applying there.

Selection of Staff

Not every applicant, of course, will be suitable for employment. It will always be necessary to select, or at the very least to allocate them to the kind of work for which each is best suited. This is the next responsibility of the personnel manager.

Any selection scheme must be based on two essentials:

- (a) It must have a means of knowing the kind of person most likely to be successful in each job.
- (b) It must have a reliable method of estimating the potentialities of the candidates presented to it.

Thus, in the first place, a personnel manager must arrange to have a specification drawn up of the right type of person for each job in the organisation. This tends to be a time-consuming process which involves studying the duties in some detail and consulting with departmental staff about reasons for past failures and about the conditions of success. But it does produce very valuable results in the shape of accurate knowledge of each job and of the attributes it demands in the individual.

Assessment of Applicants

Armed with these specifications, the personnel manager must next arrange that applicants are assessed to find which one, if any, they measure up to. The most usual, indeed the universal method of assessment is the interview, and many schemes must stand or fall by the effectiveness of this means of assessment. There is a widespread belief that summing up the potentialities of others is a kind of divination process, for which some people have a gift and others have not. Those who are endowed with the magic eye which sees whether they are suitable "as they come in through the door" are supposed never to be mistaken in their appointments; those who are not "good judges of men" are supposed to be unable to surround themselves with the right kind of helpers.

All this is so much nonsense. Anyone who knows what he is looking for and who has the tact and patience to find out what a candidate has done in the past, what standards of success he has set for himself and reached, and what experience and qualifications he has obtained, can be reasonably sure of putting the right man in the right job more often than not. The assembling of such information about an applicant, however, takes a little time, and it involves getting him to talk freely and frankly about himself. Moreover it involves a systematic approach to the matter, the assembly and arrangement of the evidence, and a balanced decision upon it. These processes are not complicated or unduly difficult, but they do make demands on the ordinary interviewer which he finds difficult to meet without some

guidance and training. Such training is now available.

The National Institute of Industrial Psychology, which is to a great extent the repository of knowledge and experience on these matters, has been running courses in selection methods for nearly three years. These have shown that when interviewers are provided with a satisfactory framework of categories on which to arrange their ideas on both the job specification and the individual's attributes (such as is provided by the Institute's seven-point plan) and given some coaching in how to handle the situation, they can be brought up to a very satisfactory standard in quite a short time.

By adequate interviewing, coupled in appropriate cases with tests of attainment, of general intelligence or special aptitudes, it has been shown to be possible to take on people who have the attributes required by various types of work, and to avoid engaging those who are unsuitable on grounds of lack of ability, interest or the appropriate temperamental qualities. Such an improvement in the selection of staff has several beneficial results. By avoiding those who never make any shape at the job and leave within a few days or weeks a considerable financial saving is effected, because failures seldom contribute much useful work during the time they are with the organisation, although they draw their wage or salary, for every minute of it. In many cases people who only stay for a month represent a dead loss of four weeks' wages, to say nothing of the time of others spent in training them. A saving of such losses alone would justify the time and effort spent on better selection.

At the same time, however, positive results are to be anticipated. If all entrants are suitable, training time will be reduced and higher standards of competence can be achieved throughout the organisation. People who are good at their jobs are generally happier at work than those oppressed by a sense of failure and consequently the morale of the organisation will be improved. The person who cannot achieve any reasonable adjustment to his work can be a source of much unhappiness to himself and to others. If he can be avoided, not only will the organisation

be spared a source of inefficient working, but also the individuals who comprise it will be spared a source of emotional friction and dissatisfaction.

Transfer and Promotion

But the staff of an organisation is not static; there is always a certain amount of movement as one department expands and another contracts, as a change in methods of working calls for more people here and fewer there. Such movements, inevitable though they may be, are always a danger of unrest among the staff. None of us likes to feel that our job and livelihood are insecure, and if the rumour goes round that "they" are cutting down staff because of the introduction, say, of mechanical handling equipment, there is likely to be some apprehension which may easily turn into suspicion and hostility. If such moves are carefully planned beforehand, however, it is usually possible to ensure that the staff to be displaced by one change can be absorbed in other places.

Individuals, too, develop a desire for change and may present themselves with the request "Can't I be put on something else? I'm getting tired of my present job." Each of these cases presents an opportunity to move someone into a position where he or she can make a greater contribution to the work of the organisation and at the same time achieve a happier and more satisfactory working life. Provided that the requirements of jobs and the potentialities of individuals are kept under continual study these opportunities can be seized by an efficient personnel manager. But if this healthy ebb and flow within an organisation is misunderstood and every case where the need for transfer of staff arises is regarded as unco-operative or ungrateful behaviour on the part of employers, the organisation will lose its flexibility, staff will lose their confidence in the future and both working efficiency and morale will suffer.

The adjustment of such individual problems, grievances or aspirations which cannot be dealt with within a department is an important element in a personnel manager's job. Patience and sympathy on his part will enable the individual to discharge his mind of

what may be rankling, but cannot be discussed reasonably with the immediate superior. In some cases a well-adjusted transfer will avert a row which might otherwise have resulted in the loss of a good employee. In other cases the mere chance to talk the subject over will release the tension and solve the problem.

Perhaps the most important aspect of this movement of staff is that of promotion. Everyone should feel that there is a better job ahead of him provided he can prove himself capable of it, and unless staff feel that there are opportunities for more responsible and better paid work for them in the organisation, the best of them will tend to seek them elsewhere. This is perhaps more important at the lower levels because such matters tend to arrange themselves among the higher ranks. But if all the porter staff, for example, see nothing ahead of them but an endless round of cleaning and carrying without any possibility of a job which has a little more prestige or a slightly better reward, only those who have resigned themselves to a grey and unadventurous future will be likely to stay. And people like these do not tend to be the most co-operative or enthusiastic workers.

Picking staff for promotion is a matter requiring considerable care and foresight, because so much damage can be done by the wrong type of person. Any organisation is in the last resort a collection of people, working together usually in little interdependent groups. These groups are led by the individuals in charge of them who are, in their turn, linked up under the leadership of an ascending hierarchy of executives to form the social structure of the organisation. Each individual in a responsible post, therefore, is important from two aspects; first in relation to the group of which he is in charge, and second in relation to the executive hierarchy of which he forms a part.

From the group's point of view, the individual in charge must be capable of effective leadership. Much has been written about that elusive quality which probably comes down in the last resort to a capacity for infusing a group of people with a sense of common purpose and for facilitating their achievement of that purpose.

Leadership is essentially a social role and those who are capable of exercising it promote both effective working and good relationships at the same time within the group of which they are in charge. If all, or a substantial majority of the groups within an organisation are well led, it cannot fail to be both efficient and happy. But if there is poor leadership within the working group it will never be possible to put the larger organisation right.

From the wider point of view, the executive hierarchy forms the nervous system of any organisation. Through it instructions must pass from the higher levels to the lower, and information must pass from the point at which work is done up to those who have to plan and make provision for the future. There must be lateral communication too, so that matters which affect two departments can be arranged without going any higher up the chain than their nature demands. This nervous system is composed of the men and women in executive and supervisory posts and the effectiveness of its working depends on their intelligence, their willingness to collaborate and their understanding of the purpose of the organisation and their own place within it.

Whenever a promotion is made, then, both these points must be borne in mind. The individual selected must be capable of exercising effective leadership over the group of which he is in charge, otherwise he will be unable to promote efficient and happy working among its members, and it may become a potential "sore spot" in the body politic. He must also be capable of taking his place in the nervous system of that body, passing information and instructions in the right direction, promoting easy communication and fruitful collaboration, initiating action where necessary, and following the lead of others where that is called for. The personal qualities required to sustain such a role are far from common, and many people who are very capable at working on their own do not possess them. When such people are promoted to positions of responsibility they are often very flat failures. Unless a personnel manager realises that an executive or supervisory job is different

in nature from those of the people supervised, he may fail to pick out the right type of person for the key points in his organisation.

Decisions about selection, transfer and promotion, of course, are seldom if ever taken by a personnel manager on his own responsibility. In this, as in most other aspects of his job, the closest collaboration with others is called for and any suggestion that members of staff are being forced on heads of departments without reference to them must be avoided at all costs. Some administrative flexibility will be called for to ensure that these latter retain adequate control over their own staffs and a proper say in appointments and promotions. At the same time, if the personnel manager is to be held responsible for the standards throughout the organisation he must have commensurate authority in all matters where staff are concerned.

The Training of Staff

The most suitable person in the world will make a mess of a new job if he is thrown into it without guidance or training. Another of the personnel manager's responsibilities is to see that this does not happen. He must exercise some supervision on all training throughout the organisation and he must initiate and carry out schemes for certain types of training.

Training in the methods of work must usually be done on the actual job itself, and in the past this has often meant that the newcomer stood around and watched someone else at work. According to his initiative and enthusiasm and the disposition of the older hand, the newcomer did more and more of the job for himself until eventually he was judged capable of starting on his own. Under certain circumstances such methods tended to propagate inefficient working habits, low standards, and misunderstandings of the job. As it is usually impracticable to set up specific training schools except in the largest organisations, efforts have been made to improve training on the job. This can be done by such simple measures as placing new workers always with particular members of the staff who are selected for their knowledge of the job and their personal qualities, and

who are trained in methods of instruction. With a little care these working-instructors can be brought to quite a high standard.

The Training Within Industry scheme, sponsored by the Ministry of Labour, has a similar end in view. By a carefully graded and highly standardised scheme of instruction, foremen and chargehands are initiated into a drill of teaching aimed at enabling them to train new entrants quickly and effectively in working methods. Other drills are directed to improving these methods and encouraging a systematic approach to their relationships with workers. The whole scheme has made a remarkable appeal to industry within the last few years and it has certainly succeeded in making the supervisory and junior executive grades approach their problems in a more systematic manner. It has, however, the disadvantage of its qualities, and while the drills can be quickly taught and assimilated they sometimes tend towards rigidity and over-simplification in dealing with a complex situation.

There are, however, certain aspects of training which can be more effectively dealt with centrally by the personnel manager, than informally on the job. New entrants must have some instruction in the rules and routine of the organisation, and they will approach their jobs with more understanding if they have some idea of its structure and purpose. Induction training schemes can put over such matters effectively and comprehensively in a very short time, if they are well designed, and by giving the new entrant the opportunity to see and understand the organisation of its purpose which results in a very satisfactory attitude towards it. In certain cases such schemes have been so successful with new entrants that existing members have been put through them, suitably modified, with very beneficial results.

Training for promotion usually falls also under the personnel manager's sphere of responsibility. As has been pointed out above, a supervisory or executive job is different in nature from that of the ordinary member of the staff. It is essential, therefore, that those selected for such positions be brought to understand their rôle and

responsibilities before they are landed on them. Training is called for in the management of other people, a difficult and delicate subject, and in the structure of the organisation, an understanding of which is essential for those who have to take a place within it.

Wages and Salaries

With many categories of workers wage-rates have been the subject of national agreement and someone in the organisation has to have an encyclopaedic knowledge of these. This is another rôle for the personnel manager, who must be prepared also to keep up to date with changes, and to take part in any local negotiations which may be called for. Within the organisation, also, it is important that there should be a coherent wage structure, different jobs being remunerated according to the degree of skill or responsibility they involve. Unless someone is responsible for overhauling this structure continuously, anomalies may arise. It has not been unknown in industry for a supervisor on a time rate he has agreed individually with his employers to be taking home consistently less than the men under him, protected by the power of collective bargaining and working on piece rates. Cases like these do not promote confidence among the supervisory staffs on which so much depends.

Piece rates or bonus incentives are probably not applicable to the hospital service, but they prove remarkably effective at times in certain kinds of work. They depend, in essence, on linking up an individual's remuneration with the actual work he has to do in such a way that his marginal effort brings him a substantial monetary reward. Thus, if a man, by working normally, can produce 100 articles a day, he may be encouraged to put forth the extra effort required to produce 110 if the additional ten articles bring him proportionately more than the first hundred. There are many ways of achieving this from a straight payment per piece to a differential rate above a certain level of output. It is generally found that the simpler schemes are the more effective, and at times that schemes based on group output are

more satisfactory than those on individual production.

In addition to wage agreements there are other regulations affecting the hours, conditions and welfare of workers and staff. In latter years these have tended to increase in range and complexity and the amount of detailed knowledge required by a personnel manager is now quite considerable. To have this ready to hand requires not only a well ordered mind but a well organised filing and record system. This aspect of his duties need not detain us long, for the type and number of records required will vary with the organisation and must be designed with particular ends in view. A properly planned system can save much duplication of paper and will provide the essential data required with a minimum of trouble and expense.

Employee Services

In any community there are certain things that can be done better collectively than by individuals for themselves. The benefits of specialisation and large-scale organisation make themselves felt when, for example, one person is told off to make the tea for a gang of labourers on a building site. Their meals, cloakrooms, the provision and laundering of uniforms, and similar services offer a field in which personnel management can often make things easier for employees at the price of a little organisation.

There is sometimes a danger that enthusiasm may outrun discretion and employee services and activities become ends in themselves. In some organisations, indeed, it sometimes appears that the administration of the sports club, the amateur dramatic society, the sickness benefit scheme and so on, is diverting time and attention from the formal purpose of the enterprise. It is necessary to be realistic and to appreciate the fact that while in a remote locality a considerable range of employee services may be beneficial, and indeed necessary, in a large city these are already available in other ways and to duplicate them will be a waste of time and effort. Social and sports activities help to accentuate the feeling of community in an organisation and should be encouraged just as far as

there is a demand for them, but no further.

In cases where some services, necessarily incidental to the work of employees, can be rendered more cheaply and efficiently on a large scale than by individuals, it is probably wise for the personnel manager to try to provide them. This is probably particularly applicable in the case of sickness or pension funds. Even with the present improvement in the State welfare services, sickness and old age among the lower income groups can disorganise the family budget and cause a disastrous fall in the standard of living. Contributory schemes on a group insurance basis can often be arranged to temper these calamities for the individual at little cost to the organisation. At the same time advice and guidance by an experienced and sympathetic person about the welfare agencies to consult in times of trouble can be a great help to an anxious and bewildered member of the staff.

Quite a number of these employee services provide scope for introducing the element of democratic participation. Committees elected by the staff can advise about canteens, transport arrangements, safety and the like, and occasionally actual executive responsibility has been handed over to such bodies. There is everything to be said for giving the staff a voice in determining the conditions under which they work, and an elected staff council or other joint consultative body can play a part in improving relationships and enlisting the participation of employees by disseminating information through other channels in addition to the normal executive hierarchy. There are, however, dangers to be apprehended when such channels are used to replace, rather than to supplement, the normal chain of command.

There are many aspects to the personnel function and it is by no means certain that all the most important have been dealt with in this survey. As in any position where executive responsibility is limited, so much depends on the indirect approach. Advising, influencing, exerting discreet pressure at the right place and time, creating an atmosphere in which insight and the sympathetic approach to human

problems have become second nature—there are the means by which a personnel manager works, quite as much as through good selection, promotion and training procedures. They may well be more effective in the achievement of his object in the long run.

Personnel management only becomes a separate function in organisations above a certain size, for many of its problems do not arise in the small unit where personal contact is easier and many matters which otherwise might become a source of friction can be settled informally in a few minutes. In fact it might be true to say that the object of personnel management is to produce in a large, unwieldy, organisation that atmosphere of friendly co-operation, awareness of the common purpose and the avoidance of petty restrictions and formalities which is characteristic of the best small units.

Has this any place in hospital administration? Obviously the aims are relevant, for sick people are more likely to get well in such an atmosphere than in one where there is disharmony among the staff; a lowered sense of individual responsibility and lack of intelligent co-operation in dealing with minor difficulties. The methods must be developed to meet the particular circumstances of the service and to deal with its characteristic problems. Much of the experience derived from industrial and commercial experience may be irrelevant but there will be a residuum of value. Forms will grow up which are suitable to the service but the aims will remain sub-

stantially the same.

From the crudely financial point of view, a hospital which is making the best use of its man power will be utilising less of the country's scarce resources in carrying out its mission of healing, than one in which the personnel function is in a chaotic state. And there need be no self-consciousness in considering the matter from an economic standpoint for time and again it becomes apparent that inefficient working and emotional or physical strain go hand in hand. The efficient organisation is usually the happy one and the best members of the staff are those who get most satisfaction and sense of achievement out of their jobs.

To have the right person in the right place, to ensure that he knows what he has to do, how to do it and why he is doing it—this is as important in a hospital as in any other organisation where people work together. Indeed it is more so, for the cost of failure is greater in human suffering than it would be in an industrial enterprise. It is no less difficult of achievement except in one respect. There can be no doubt about the "why" of hospital work. Even the humblest member of the staff can understand the need to make sick people well again. By enlisting the participation of them all in the great tradition of relieving suffering, an effective personnel manager could awaken a degree of enthusiasm which inspires individual and organisation alike with a sense of high purpose—an attitude which seems only rarely to be called forth to-day except in times of war.

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To meet the changed circumstances arising from the administration of the National Health Service Acts, 1946 and 1947, and the National Assistance Act, the Minister determined to transfer on the 1st April, 1949, the functions of the principal housing officers to principal regional officers who, in addition to assuming full regional responsibility for the housing work, now carry out (with the help of public health nursing officers and other regional staff) the duties previously performed by the general inspectors and the regional officers for health services. The principal regional officers continue to exercise the functions hitherto performed by the principal housing officers, and their functions are, on the medical side, complementary to those of the principal medical officers (see Ministry of Health Circular 26/49).

Standard Region*	Principal Regional Officer	Deputy Principal Regional Officer		Address and Telephone Number
		Housing	Health and Welfare Services	
1 Northern	K. W. Grant, O.B.E.	C. Siddle	W. F. Barden	1, Osborne Road, Newcastle-on-Tyne, 2. Newcastle 28861.
2 East and West Ridings	E. C. C. Hamblin	F. J. Talbot	E. J. Davies	Century House, South Parade, Leeds, 1. Leeds 32771
3 North Midlands	V. L. Harkness, O.B.E.	J. M. Marshall	D. J. White	Block 5, Government Bldgs., Chalfont Drive, Western Boulevard, Nottingham. Nottingham 77711.
4 Eastern	Maj. Gen. Sir Charles Lane, K.C.I.E., C.B., C.B.E., M.C.	J. Catlow	W. B. M. Brayson	12, Queen Anne Terrace, Cambridge. Cambridge 54461.

Standard Region*	Principal Regional Officer	Deputy Principal Regional Officer		Address and Telephone Number
		Housing	Health and Welfare Services	
5 London	See below for special arrangements.			
6 Southern	R. W. Kelley	D. J. Wildgoose	Brig. D. V. Kennedy	17, Bath Road, Reading, Berks. Reading 60481.
7 South Western	C. H. H. Smith	L. Bird	Maj. Gen. G. F. Watson, C.B., D.S.O., O.B.E.	19, Woodland Road Tyn-dalls Park, Bristol, 8. Bristol 26671.
9 Midland	L. I. McCandless	P. S. M. Smith	J. H. E. Saunders	139, Hagley Road, Edg-baston, Birmingham, 16. Edgbaston 0932/7 and 1533.
10 North Western	E. Jordan, O.B.E.	G. A. Simms	Miss A. E. Earlam	Sunlight House, Quay Street, Manchester, 3. Deansgate 2444.
12 South Eastern	See below for special arrangements.			

Region No. 5 London and Region No. 12 South Eastern have special arrangements as follows :

Housing			
Standard Region	Principal Regional Officer	Deputy Principal Regional Officer	Address and Telephone Number
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12 South Eastern		V. L. Bilbey, M.B.E.	39, Grove Hill Road, Tunbridge Wells. Tunbridge Wells 3410.

Health and Welfare Services			
Regional Hospital Board Area	Principal Regional Officer	Deputy Principal Regional Officer	Address and Telephone Number
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S.E. Metropolitan	T. S. Williams		39, Grove Hill Road, Tunbridge Wells. Tunbridge Wells 3410.
S.W. Metropolitan	H. H. Sersale (also covering the London Executive Council)	G. A. Phillips	Ministry of Health, Whitehall, S.W.1. Victoria 8540

* Any departure from the information given in the above tables which may arise because the areas of regional hospital boards (as defined in S.R. & O. 1946 No. 2158) are not co-terminous with the standard regions will be notified locally by the principal regional officer to all authorities and bodies concerned. In the absence of other directions local authorities should address enquiries intended for the regional office to the principal regional officer of the standard region in which they are situated.

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S.E. Metropolitan, S.W. Metropolitan and Oxford Hospital Regions
Principal Medical Officer : Dr. G. E. Godber.
Medical Officers : Dr. M. Manson, Dr. A. E. Martin, Dr. A. L. Winner, O.B.E.

Birmingham Hospital Region
Principal Medical Officer : Dr. G. A. Clark.
Medical Officer : Dr. C. A. Seeley (at Birmingham R.O.).

East Anglian, N.W. Metropolitan and N.E. Metropolitan Hospital Regions
Principal Medical Officer : Dr. A. L. Banks.
Medical Officers : Dr. R. M. Shaw, Dr. C. Sims-Roberts, Dr. D. S. Todd-White.

South Western Hospital Region
Principal Medical Officer : Dr. J. Ferguson, C.B.E.
Medical Officers : Dr. R. Elliott, Dr. C. Grant Nicol.

Manchester and Liverpool Hospital Regions
Principal Medical Officer :
Sir Alexander Hood, G.B.E., K.C.B.
Medical Officers : Dr. M. G. Gorrie,
Dr. J. M. Ross (at Manchester R.O.).

All principal medical officers and all medical officers unless otherwise indicated are stationed at the Ministry of Health, Whitehall, London, S.W.1. (Telephone : Whitehall 4300). *R.O. is the abbreviation for Regional Office.

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General Inspector : D. A. Lewis.
Assistant General Inspectors : Ivor Rees, J. E. Roberts.
Public Health Nursing Officer : Miss M. J. Morris.
Welfare Officer : Miss E. M. Phillips.
Hospital Nursing Officer : Miss G. M. Kerr.
Senior Regional Architect : F. S. Swash, F.R.I.B.A.
Senior Engineering Inspector : E. Butler, M.A.,

DEPARTMENT OF HEALTH FOR SCOTLAND

ST. ANDREW'S HOUSE, EDINBURGH, 1.
Telephone : Edinburgh 33433.

FIELDEN HOUSE, 10, GREAT COLLEGE STREET,
LONDON, S.W.1.
Telephone : Whitehall 7464

Secretary : Sir George H. Henderson, K.B.E., C.B.
Private Secretary : Mrs. R. M. Steer.
Chief Medical Officer : Sir Andrew Davidson, M.D.
Deputy Secretary : Craig Mitchell.
Under-Secretaries : T. D. Haddow, G. H. Kimpton.
Assistant Secretaries : G. Crow, R. G. Forrest, N. W. Graham, E. W. Hancock, G. Hawley, E. A. Hogan, J. Hogarth, R. Howat, J. H. McGuinness, J. Mackenzie, G. MacRobbie, A. I. Millar, O.B.E., J. Y. Sutherland, A. B. Taylor, Sir R. E. Russell, C.S.I., C.I.E. (temp.).
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Deputy Chief Accountant : P. G. Livingstone, M.B.E.
Assistant Chief Accountants : W. W. Hateley, J. MacKenzie.
Accountants : C. S. Donaldson, D. A. Hood, W. A. Laird, A. B. Ramsay, C. G. Weaver, H. Williamson.

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Deputy Chief Medical Officer : R. J. Peters, M.D.
Senior Medical Officers : W. D. Hood, M.B., Ch.B., J. M. Johnston, M.D., I. N. Sutherland, M.B., Ch.B.
Principal Regional Medical Officer : C. M. Fleming, M.D.
Senior Regional Medical Officer : A. B. Walker, M.D.

Medical Officers : Charlotte A. Douglas, O.B.E., M.D., J. A. G. Keddie, M.D., I. M. Macgregor, M.B., Ch.B., P. L. McKinlay, M.D., I. A. G. MacQueen, M.B., Ch.B., R. D. Martin, M.B., Ch.B., J. Smith, O.B.E., M.B., B.Chir., J. McL. Johnston, M.B., Ch.B., R. P. J. McBroom, M.B., Ch.B. (Glas.), T. D. Inch, C.B.E., M.C., M.D. (temp.), Ida M. Seymour (temp.), C. A. Crichlow, M.B., Ch.B. (temp.).
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Senior Dental Officer : T. H. J. Douglas.
Dental Officers : J. W. Galloway, T.D., A. W. Hart, A. J. Ritchie, R. W. Wilson.

Technical Staff

Chief Engineer : J. C. O. Burns, B.A.
Deputy Chief Engineer : J. B. Dempster.
Chief Architect and Chief Planning Officer : R. J. Gardner-Medwin, B.Arch.
Deputy Chief Architect : J. Patterson.
Deputy Chief Planning Officers : F. J. Evans, T. A. Jeffries.
Senior Quantity Surveyor : H. H. McTaggart, M.B.E.

Inspectorate

General Inspectors : W. Birrell, I.S.O., F. S. Lumbard, J. Macfarlane, D.C.M., W. T. Mercer, W. C. M. Third.
Chief Inspector Alkali Works, etc. : E. A. Birse, B.Sc., Ph.D.
Inspector of Public Cleansing and Salvage : T. B. Crookes.
Chief Milk Inspector : C. H. Chalmers.

GENERAL BOARD OF CONTROL FOR SCOTLAND

ST. ANDREW'S HOUSE, EDINBURGH, 1.
Telephone : Edinburgh 33433.

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Medical Commissioners : H. B. Craigie, M.B., Ch.B., Laura M. D. Mill, M.B., Ch.B.
Deputy Commissioners : J. McLauchlan Johnston, M.B., Ch.B., R. P. J. McBroom, M.B., Ch.B.
Secretary : J. A. W. Stone, O.B.E.

GENERAL REGISTER OFFICE

SOMERSET HOUSE, STRAND, LONDON, W.C.2.
Telephone : Temple Bar 3540

Registrar General : George North, C.B., M.C., LL.D.
Assistant Secretaries : A. F. Joll (Census, Statistics and

Publications), J. M. Ross (Registration and Marriages).
Chief Statisticians : V. P. A. Derrick, P. Stocks, C.M.G., M.D.,

GENERAL REGISTRY OFFICE

NEW REGISTER HOUSE, EDINBURGH, 2.
Telephone : Edinburgh 32181.

Registrar-General of Births, Deaths and Marriages for Scotland : E. A. Hogan. *Secretary* : J. C. Young.

CENTRAL HEALTH SERVICES COUNCIL

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Vice-Chairman : Professor Sir Henry Cohen. M.D.

Members (ex-officio) : Lord Moran, M.C., M.D., President of the Royal College of Physicians of London; Lord Webb-Johnson, K.C.V.O., C.B.E., D.S.O., T.D., President of the Royal College of Surgeons of England; Sir William Gilliatt, K.C.V.O., M.D., M.S., President of the Royal College of Obstetricians and Gynaecologists; H. G. Dain, M.B., Chairman of the Council of the British Medical Association; Sir Herbert L. Eason, C.B., C.M.G., M.D., M.S., President of the General Medical Council; Sir Allen Daley, M.D., Chairman of the Council of the Society of Medical Officers of Health.

Medical Practitioners : Janet Aitken, M.D., Physician (a); Professor W. G. Barnard, Pathologist, Member of St. Thomas's Hospital Board of Governors (a); A. W. Bourne, M.A., M.B., Obstetrician and Gynaecologist (a); J. A. Brown, B.Ch., M.D., General Practitioner, Member of Birmingham Regional Hospital Board (c); Sir Ernest R. Carling, Surgeon (c); Professor Sir Henry Cohen, M.D., Physician, Member of Liverpool Regional Hospital Board and Board of Governors (c); E. A. Gregg, J.P., General Practitioner, Member of County of London Executive Council (b); W. V. Howells, M.A., M.B., B.Ch., General Practitioner, Member of Swansea Executive Council (a); H. Joules, M.D., Physician and Medical Director, Member of North-West Metropolitan Regional Hospital Board and of Hammersmith, West London and St. Mark's Board of Governors (b); Professor A. J. Lewis, M.D., Psychiatrist, Member of Bethlem and Maudsley Hospitals Board of Governors (c); W. G. Masfield, C.B.E., Psychiatrist, Member of South-East Metropolitan Regional Hospital Board and Bethlem and Maudsley Hospitals Board of Governors (b); W. N. Pickles, M.D., General Practitioner, Member of Yorkshire North Riding Executive Council (b); Professor Sir Harry Platt, M.S., M.D., Orthopaedic Surgeon, Member of Manchester Regional Hospital Board and Board of Governors (b); Professor J. C. Spence, M.C., M.D., Paediatrician, Member of Newcastle Board of Governors (c); C. W. Walker, M.B., B.Ch., General Practitioner, Member of Cambridge Executive Council (a).

(a) Appointed until 31st March, 1950.

(b) Appointed until 31st March, 1951.

(c) Appointed until 31st March, 1952.

Persons with experience in Hospital Management : F. J. Cable, F.H.A., Secretary United Manchester Hospitals (c); S. Clayton Fryers, C.B.E., F.H.A., Secretary, United Leeds Hospitals, Member of Leeds Regional Hospital Board (a); The Hon. Arthur J. P. Howard, C.V.O., M.P., Chairman of St. Thomas's Hospital Board of Governors (a); Sir Owen F. Morshead, K.C.V.O., D.S.O., M.C., Member of North-West Metropolitan Regional Hospital Board (c); Major-General Sir Harold A. Wernher, G.C.V.O., T.D., Chairman of University College Hospital Board of Governors (b).

Persons with experience in Local Government : Alderman A. F. Bradbeer, Member of Birmingham Regional Hospital Board, Board of Governors, City Council and Executive Council (a); Sir Wynne C. Jones, Member of Anglesey County Council and Executive Council (b); F. Messer, C.B.E., J.P., M.P., Chairman of North-West Metropolitan Regional Hospital Board, Member of Middlesex County Council, Member of Middlesex Hospital Board of Governors and Middlesex Executive Council (c); Mrs. D. Thurtle, Member of London County Council and Shoreditch Borough Council (a); Alderman W. E. Yorke, J.P., Lord Mayor of Sheffield, Member of Sheffield Regional Hospital Board (b).

Dental Practitioners : F. J. Ballard, Member of North-West Metropolitan Regional Hospital Board, University College Hospital Board of Governors and Eastman Dental Clinic Board of Governors (c); J. Lauer, Member of Dental Estimates Board (a); H. T. Roper-Hall, M.B., Ch.B., M.D.S. (b).

Mental Health Services : Sir Cecil Oakes, C.B.E., Member of East Anglian Regional Hospital Board (b); C. F. Comer, General Secretary, the Confederation of Health Service Employees (c).

Registered Nurses : Miss E. J. Merry, Education Officer, Queen's Institute (c); Miss C. H. Alexander, Matron, The London Hospital (a).

Certified Midwife : Miss N. B. Deane, M.B.E., Matron, Bristol Maternity Hospital (b).

Registered Pharmacists : R. H. Henriksen, Chief Pharmacist, Dulwich Hospital (b); Alderman W. J. Tristram, J.P., Member of Liverpool City Council and Executive Council (c).

Secretary : E. J. S. Clarke, Ministry of Health, Whitehall, London, S.W.1. (Whitehall 4300, ext. 721.)

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Secretary : Miss E. G. Long, Ministry of Health, Whitehall, London, S.W.1. (Whitehall 4300, ext. 94.)

STANDING ADVISORY COMMITTEES

Standing Medical Advisory Committee

Chairman : Professor Sir Henry Cohen, M.D.

Vice-Chairman : J. A. Brown, B.Ch., M.D.

Members : Appointed by the Minister after consultation with the Central Health Services Council. Janet Aitken, M.D., Physician; Professor W. G. Barnard, Pathologist, Member St. Thomas's Hospital Board of Governors; A. W. Bourne, M.A., M.B., Obstetrician and Gynaecologist; J. A. Brown, B.Ch., M.D., General Practitioner, Member of Birmingham Regional Hospital Board; Sir Ernest R. Carling, Surgeon; Professor Sir Henry Cohen, M.D., Physician, Member of Liverpool Regional Hospital Board and Board of Governors; H. G. Dain, M.B., Chairman of the British Medical Association; Sir W. Allen Daley, M.D., Chairman of the Council of the Society of Medical Officers of Health; Sir William Gilliatt, K.C.V.O., M.D., M.S., President of the Royal College of Obstetricians and Gynaecologists; E. A. Gregg, J.P., General Practitioner, Member of County of London Executive Council; W. V. Howells, M.A., M.B., B.Ch., General Practitioner, Member of Swansea Executive Council; H. Joules, M.D., Physician and Medical Director, Member of North-West Metropolitan Regional Hospital Board and of the Hammersmith, West London and St. Mark's Board of Governors; Professor A. J. Lewis, M.D., Psychiatrist, Member of Bethlem and Maudsley Hospital Board of Governors; W. G. Masfield, C.B.E., Psychiatrist, Member of South-East Metropolitan Regional Hospital Board

and of Bethlem and Maudsley Board of Governors; Lord Moran, M.C., M.D., President of the Royal College of Physicians of London; W. N. Pickles, M.D., General Practitioner, Member of Yorkshire North Riding Executive Council; Professor Sir Harry Platt, M.S., M.D., Orthopaedic Surgeon, Member of Manchester Regional Hospital Board and Board of Governors; Professor J. C. Spence, M.C., M.D., Paediatrician, Member of Newcastle Board of Governors; C. W. Walker, M.B., B.Ch., General Practitioner, Member of Cambridge Executive Council; Lord Webb-Johnson, K.C.V.O., C.B.E., D.S.O., T.D., President of the Royal College of Surgeons of England.

Appointed by the Minister after consultation with representative organisations : W. R. Brain, D.M., Physician and Neurologist, Member of St. Bartholomew's and National Hospital Boards of Governors; Somerville Hastings, M.S., M.P., Surgeon, Member of North-East Metropolitan Regional Hospital Board and Boards of Governors of Hammersmith and Middlesex Hospitals; R. L. Newell, M.D., Surgeon, Member of Manchester Regional Hospital Board and Board of Governors; Wyndham Parker M.C., C.B.E., M.B., Ch.B., County Medical Officer of Health, Worcestershire; J. R. K. Paterson, M.C., M.D., Radiologist; W. G. Patterson, M.D., Senior Administrative Medical Officer, Newcastle Regional Hospital Board.

Secretary : D. Emery, Division 4B, Ministry of Health, Whitehall, London, S.W.1. (Whitehall 4300, ext. 172)

Standing Dental Advisory Committee**Chairman:** Professor R. V. Bradlaw, M.D.S.**Vice-Chairman:** H. T. Roper-Hall, M.B., Ch.B., M.D.S.**Members:** *Appointed by the Minister after consultation with the Central Health Services Council:* F. J. Ballard, Dental Practitioner, Member of North-West Metropolitan Regional Hospital Board, University College Hospital and Eastman Dental Clinic Boards of Governors; J. Lauer, Dental Practitioner, Member of Dental Estimates Board; H. T. Roper-Hall, M.B., Ch.B., M.D.S., Dental Practitioner.*Appointed by the Minister after consultation with representative organisations:* L. C. Atkins, Dental Practitioner; Professor R. V. Bradlaw, M.D.S., Dean of Durham University Dental School, Member of Newcastle Board of Governors; W. Kelsey Fry, O.B.E., M.C., M.D.S., Dental Surgeon, Member of South-East Metropolitan Regional Hospital Board and Guy's Hospital and Eastman Dental Clinic Boards of Governors; T. Hindle, Dental Practitioner; Professor H. F. Humphreys, O.B.E., M.C., T.D., D.L., M.B., Ch.B., M.D.S., Professor of Dental Surgery, Birmingham University, Member of Birmingham Regional Hospital Board and Board of Governors; Professor W. C. W. Nixon, Obstetrician, University College Hospital; J. F. Pilbeam, Senior Dental Officer, Middlesex County Council; J. A. T. Rowlett, Dental Practitioner; Professor M. A. Rushton, M.D., Professor, Guy's Hospital Dental School; T. G. Ward, M.B.E., Dental Practitioner, Dental Surgeon, Queen Victoria Hospital, Grinstead; A. G. Watkins, Paediatrician, Member of Cardiff Board of Governors; Professor F. C. Wilkinson, M.D., B.D.S., D.D.Sc., M.Sc., Professor of Dental Surgery, Manchester University, Member of Manchester Board of Governors.**Secretary:** Miss J. E. Chapple, Division 3B2, Ministry of Health, Caxton House, Tothill Street, London, S.W.1. (Victoria 8540, ext. 70.)**Standing Pharmaceutical Advisory Committee****Chairman:** W. J. Tristram, J.P.**Vice-Chairman:** R. H. Henriksen.**Members:** *Appointed by the Minister after consultation with the Central Health Services Council:* R. H. Henriksen, Chief Pharmacist, Dulwich Hospital; Alderman W. J. Tristram, J.P., Pharmacist, Member of Liverpool Executive Council.*Appointed by the Minister after consultation with representative organisations:* Professor H. Berry, B.Sc. Professor of Pharmaceutics; J. O. Davidson, Pharmacist; P. Dobson, Pharmaceutical Chemist; P. J. Gibbons, M.B., B.Ch., General Practitioner, Member of Liverpool Executive Council; J. Gilmour, Pharmacist; C. H. Hampshire, M.B., B.S., B.Sc., Secretary, British Pharmacopoeia Commission; J. C. Hanbury, Manufacturing Chemist; J. Barclay Hough, Pharmacist, The Royal Gwent Hospital; H. N. Linstead, O.B.E., M.P., Secretary, The Pharmaceutical Society of Great Britain; G. A. Mallinson, O.B.E., Secretary, The National Pharmaceutical Union; D. E. Sparshott, M.A., Pharmacist; Professor E. J. Wayne, M.D., Professor of Pharmacology, Member of Sheffield Regional Hospital Board and Board of Governors.**Secretary:** F. F. Marchbank, Ministry of Health, Caxton House, Tothill Street, London, S.W.1. (Victoria 8540, ext. 353.)**Standing Ophthalmic Advisory Committee****Members:** *Appointed by the Minister after consultation with the Central Health Services Council:* Janet Aitken, M.D., Physician; Sir H. L. Eason, C.B., C.M.G., M.D., M.S., President of the General Medical Council.*Appointed by the Minister after consultation with representative organisations:* G. W. Black, Ophthalmic Surgeon, Member of Leeds Regional Hospital Board; Macdonald Critchley, M.D., Physician and Neurologist; O. M. Duthie, M.D., Ophthalmic Surgeon, Member of Manchester Board of Governors; G. H. Giles, Ophthalmic Optician and Lecturer; R. A. Greeves, B.A., M.B., B.S., Ophthalmic Surgeon; J. R. Howard, Dispensing Optician; D. H. Lewis, Ophthalmic Optician and Lecturer; O. G. Morgan, M.Ch., Ophthalmic Surgeon; A. E. Turville, Ophthalmic Optician; S. M. Wells, Ophthalmic Optician; O. Williams, M.B., B.S., General Practitioner; F. M. Wiseman, Manufacturing Optician.**Secretary:** S. G. Game, O.B.E., Ministry of Health, Caxton House, Tothill Street, London, S.W.1. (Victoria 8540, ext. 328.)**Standing Nursing Advisory Committee****Chairman:** Miss C. H. Alexander.**Vice-Chairman:** Alderman A. F. Bradbeer.**Members:** *Appointed by the Minister after consultation with the Central Health Services Council:* Alderman A. F. Bradbeer, Member of Birmingham Regional Hospital Board and Board of Governors, City Council and Executive Council; F. J. Cable, F.H.A., Secretary,

United Manchester Hospitals; Miss N. B. Deane, M.B.E., Matron, Bristol Maternity Hospital; Sir Herbert L. Eason, C.B., C.M.G., M.D., M.S., President of the General Medical Council, S. Clayton Fryers, C.B.E., F.H.A., Secretary, United Leeds Hospitals, Member of Leeds Regional Hospital Board; The Hon. Arthur J. P. Howard, C.V.O., M.P., Chairman of St. Thomas's Hospital Board of Governors; Sir Wynne C. Jones, Member of Anglesey County Council and Executive Council; Miss E. J. Merry, Education Officer Queen's Institute. (One vacancy.)

Appointed by the Minister after consultation with representative organisations: Miss C. H. Alexander, Matron, The London Hospital; Miss C. F. S. Bell, Matron, Leicester Royal Infirmary; C. F. Brockington, M.A., M.D., County Medical Officer of Health, West Riding; E. Dawson, Chief Male Nurse, St. Ebba's Hospital, Epsom; Miss M. M. Edwards, Secretary, Nursing Recruitment Committee of King Edward's Hospital Fund; Miss L. I. Gale, Ward Sister, Liverpool Children's Hospital; Miss F. G. Goodall, O.B.E., General Secretary, Royal College of Nursing; Miss E. M. Hillier, Matron, Crumpsall Hospital, Manchester; Mrs. G. C. Jones, Assistant Nurse, Stapleton Hospital, Bristol; Miss C. M. Pamk, Ward Sister, St. Bartholomew's Hospital, Miss K. M. Roe, Public Health Nurse, London County Council; Miss A. E. A. Squibbs, Sister Tutor, Leeds Infirmary; Miss J. E. Thomas, Matron, North Wales Sanatorium; Miss B. J. Wall, Matron, Barming Heath Hospital.**Secretary:** Miss P. M. Musgrove, Ministry of Health, Whitehall, London, S.W.1. (Whitehall 4300, ext. 722.)**Standing Maternity and Midwifery Advisory Committee****Chairman:** Sir William Gilliatt, K.C.V.O., M.D., M.S.**Vice-Chairman:** A. Walker.**Members:** *Appointed by the Minister after consultation with the Central Health Services Council:* Janet Aitken, M.D., Physician; A. W. Bourne, M.A., M.B., Obstetrician and Gynaecologist; Miss N. B. Deane, M.B.E., Matron, Bristol Maternity Hospital; Sir William Gilliatt, K.C.V.O., M.D., M.S., President of the Royal College of Obstetricians and Gynaecologists; W. V. Howells, M.A., M.B., B.Ch., General Practitioner, Member of Swansea Executive Council; Miss E. J. Merry, Education Officer, Queen's Institute; Professor J. C. Spence, M.C., M.D., Paediatrician, Member of Newcastle Board of Governors; Mrs. D. Thurtle, Member of London County Council and Shoreditch Borough Council; C. W. Walker, M.B., B.Ch., General Practitioner, Member of Cambridge Executive Council; Alderman W. E. Yorke, J.P., Lord Mayor of Sheffield, Member of Sheffield Regional Hospital Board. (One vacancy.)*Appointed by the Minister after consultation with representative organisations:* Miss M. N. Fensom, Educational Supervisor, Central Midwives' Board; Miss E. F. Gore, Supervisor of Midwives, London County Council; Miss D. M. Hayward, Superintendent Health Visitor, Mitcham Borough Council; Jean McIver Mackintosh, M.D., Senior Assistant Medical Officer (Maternity and Child Welfare), City of Birmingham; Mrs. F. R. Mitchell, O.B.E., General Secretary, Royal College of Midwives; Miss M. O'Connor, Member, Isle of Wight County Council and Executive Council; E. W. Scorer, O.B.E., Member, Sheffield Regional Hospital Board; Miss A. E. Steward, Midwifery Sister, Colchester Maternity Hospital; A. Walker, Chairman, Central Midwives' Board; Miss M. Williams, Matron, Queen Charlotte's Hospital.**Secretary:** E. Halliday, Ministry of Health, Whitehall, London, S.W.1. (Whitehall 4300, ext. 178.)**Standing Mental Health Advisory Committee****Chairman:** Sir Allen Daley, M.D.**Vice-Chairman:** W. G. Masefield, C.B.E.**Members:** *Appointed by the Minister after consultation with Central Health Services Council:* C. F. Comer, General Secretary, Confederation of Health Service Employees; Sir Allen Daley, M.D., Chairman of the Council of the Society of Medical Officers of Health; Professor A. J. Lewis, M.D., Psychiatrist, Member of Bethlem and Maudsley Hospital Board of Governors; W. G. Masefield, C.B.E. Psychiatrist, Member of South-East Metropolitan Regional Hospital Board and Bethlem and Maudsley Hospital Board of Governors; Sir Cecil Oakes, Member of East Anglian Regional Hospital Board.*Appointed by the Minister after consultation with representative organisations:* C. Bartlett, Male nurse; E. J. M. Bowlby, M.A., M.D., Child Psychiatrist; W. R. Brain, D.M., Physician and Neurologist, Member of St. Bartholomew's and National Hospital Boards of Governors; N. H. M. Burke, J.P., Medical Super-

intendent, Cell Barnes Mental Deficiency Colony; D. Curran, Physician and Psychiatrist, Member of South-West Metropolitan Regional Hospital Board; W. Sutherland Macdonald, M.C., M.B., Ch.B., General Practitioner, Member of Leeds Regional Hospital Board; Mrs. K. F. McDougall, Psychiatric Social Worker; Alderman M. Payne, Member of Glamorgan Council, Chairman of Glamorgan Mental Hospital Management Committee; J. R. Rees, C.B.E., M.D., Psychiatrist, Member of North-West Metropolitan Regional Hospital Board; J. Ivison Russell, M.D., Medical Superintendent, The North Riding Mental Hospital, Member of Leeds Regional Hospital Board; P. E. Vernon, M.A., Ph.D., Psychologist; Miss B. J. Wall, Matron, Barming Heath Hospital.
Secretary: H. J. Clarke, Ministry of Health, Rutland Gate, London, S.W.7. (Kensington 3456, ext. 115.)

Standing Tuberculosis Advisory Committee

Chairman: Professor Sir Harry Platt, M.S., M.D.
Vice-Chairman: Sir Robert A. Young, C.B.E., M.D.
Members: Appointed by the Minister after consultation with the Central Health Services Council: Sir Wynne C. Jones, Member of Anglesey County Council and Executive Council; Professor Sir Harry Platt, M.S., M.D., Orthopaedic Surgeon, Member of Manchester Regional Hospital Board and Board of Governors.
 Appointed by the Minister after consultation with representative organisations: Major Lindsay E. Bury, C.B.E., J.P., Member, Birmingham Regional Hospital Board and Salop County Council; Sir Brunel Cohen, K.B.E., Chairman, Ministry of Labour Disabled Persons Advisory Council, Member of St. Thomas's Hospital Board of Governors; Miss M. S. Coltart, Almoner, Brompton Hospital; P. W. Edwards, M.B.E., M.B., Medical Superintendent, Cheshire Joint Sanatorium; F. Hall, C.B.E., M.D., County Medical Officer of Health, Lancashire; P. Montagu d'Arcy Hart, M.D., Director of Tuberculosis Research, Medical Research Council; F. R. G. Heaf, M.A., M.B., Senior Medical Officer of Health, London County Council, Member of Board of Governors, Hospitals for Diseases of the Chest; P. Kerley, M.D., Radiologist; Miss D. Lambert, Health Visitor; W. Sheldon, Paediatrician, Member of King's College Hospital and Hospital for Sick Children Boards of Governors; Miss A. R. Spall, Matron, Clare Hall Sanatorium; Clement Price Thomas, Surgeon, Member of Board of Governors, Hospitals for Diseases of the Chest; Sir Robert A. Young, C.B.E., M.D., Chairman of Board of Governors, Hospitals for Diseases of the Chest.

Secretary: H. R. Hartwell, Division 4B, Ministry of Health, Whitehall, London, S.W.1. (Whitehall 4300, ext. 134.)

Standing Cancer and Radiotherapy Advisory Committee

Chairman: Sir Ernest R. Carling.

Vice-Chairman: Professor E. Finch, M.D., M.S.

Members: Appointed by the Minister after consultation with the Central Health Services Council: Professor W. G. Barnard, Pathologist, Member of St. Thomas's Hospital Board of Governors; Sir Ernest R. Carling, Surgeon; Professor Sir Henry Cohen, M.D., Physician, Member of Liverpool Regional Hospital Board and Board of Governors; S. Clayton Fryers, C.B.E., F.H.A., Secretary, United Leeds Hospitals, Member of Leeds Regional Hospital Board; W. V. Howells, M.A., M.B., B.Ch., General Practitioner, Member of Swansea Executive Council; H. Joules, M.D., Physician and Medical Director, Member of North-West Metropolitan Regional Hospital Board and Hammersmith, West London and St. Mark's Board of Governors.

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Telephone : Mayfair 9400.

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Parliamentary Private Secretary : H. D. Hughes, M.P.
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Under-Secretary and Director of Establishments and Organisations : W. R. Richardson, C.M.G.

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Principal Medical Officer : J. E. A. Underwood, C.B.E., M.B., B.S.
Senior Medical Officer : R. Weaver, M.D., B.Ch.
Medical Officers : A. F. Alford, M.B., B.Ch., Miss C. H. D. Asher, B.Sc., M.B., B.S., M.D., P. Henderson, M.D., B.Ch., C. B. Huss, M.B., B.S., Miss D. M. Llewellyn, M.D., Mrs. M. M. Wilson, M.B., Ch.B., A. T. Wynne, M.B., B.D.S.

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Under-Secretary : G. J. Nash.

Assistant Secretary : H. F. Rossetti.

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Principal Nursing Officer : Mrs. B. A. Bennett, O.B.E.

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1, Abbey Garden, Great College Street,
Westminster, London, S.W.1.

Telephone : Whitehall 4571.

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Commissioner : F. W. W. McCombe, C.B.E.

Parliamentary Commissioner : M. P. Price, M.P.

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Assistant Accountant, Official Trustees' Dept. : E. W. Perkins.

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King Charles Street, Whitehall, London, S.W.1. (Abbey 3411.)

MINISTRY OF CIVIL AVIATION, Ariel House, Strand, London, W.C.2. (Temple Bar 2466.)

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St. Andrew's House, Edinburgh, 1. (Edinburgh 33433.)

DEPARTMENT OF AGRICULTURE FOR SCOTLAND, St. Andrew's House, Edinburgh, 1. (Edinburgh 33433.)

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STATE INSTITUTIONS
for Broadmoor patients and for defectives of violent or dangerous propensities

This information refers to June, 1949.

Hospital	Telephone	Senior Officers	Number of Patients
England and Wales			
Broadmoor Institution, ¹ Crowthorne, Berks.	Crowthorne 70	J. S. Hopwood, M.B., B.S., M.R.C.S., L.R.C.P. (Med. Supt.) Miss W. Boshier	Total: 867 (Mental)
Moss Side Hospital, ¹ Maghull, Near Liverpool.	Maghull 1752	S. G. James, M.D., M.R.C.P., D.P.M. (Med. Supt.) Miss E. I. Bunce	Total: 460 (Mental Deficiency) Male—310 Female—150
Rampton Hospital, ¹ Retford, Notts.	Rampton 219	G. W. MacKay, M.B., D.P.M. (Med. Supt.) Miss B. A. Ralph	Total: 1143 (Mental Deficiency) Male—652 Female—463 Children—28
Scotland			
Lunatic Department, ² Perth Prison, Perth.	Perth 312	C. D. Bruce, O.B.E., M.B., Ch.B., Dipl. Psych. Edin., (Med. Supt.) Catherine MacL. Kerr	Total: 83 (Mental) Male—78 Female—5
State Institution for Mental Defectives ³ Carstairs Junction, Lanarkshire.	Carnwath 293	W. J. Proudfoot, C. D. Bruce, O.B.E., M.B., Ch.B., Dipl. Psych. Edin. (Med. Supt.)	Total: 30 (Mental Deficiency) A further 95 beds not available.

¹ Under the management of the Board of Control.
² Under the jurisdiction of the Scottish Home Office (Prisons Division).
³ Under the management of the General Board of Control for Scotland.

DIRECTORY
OF
REGIONAL HOSPITAL BOARDS
HOSPITAL MANAGEMENT COMMITTEES
AND HOSPITALS CONTROLLED BY THEM
ENGLAND AND WALES

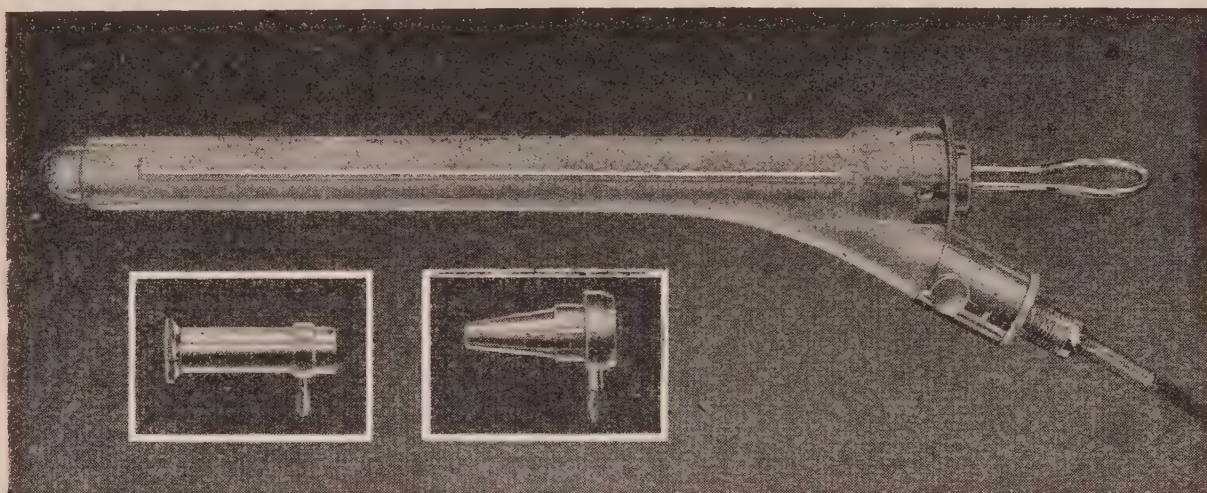
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For notes on directory and key to symbols see over (page 65).

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NOTES ON DIRECTORY

Hospital Management Committee Officers

The addresses of these officers are given in full except where they are at a hospital included in the group, in which case reference should be made to the list of hospitals for address and telephone details. If the telephone number for the officers is not that of the hospital it is given individually for each officer. Where the address is not at a hospital, the telephone number is only given for the Secretary unless the other officers have individual numbers.

Senior Officers at Individual Hospitals

The senior officers at individual hospitals whose names are given and the order in which they are always listed are as follows :—

1. Senior non-medical administrative officer, whose name (except when the post is an honorary one) is never followed by any indication of title.
2. Medical Superintendent, whose name is always followed by the abbreviation (Med. Supt.) or a variant such as (Med. officer-in-charge).
3. Matron, whose name is only followed by an indication of title, *i.e.* (Matron), when no other officers are given for the hospital concerned.
- Where additionally the name of the chief male nurse is given it is always followed by the full title in brackets.

Bed Complement

Bed complement figures are given under the following heads :—

Acute	Men. = Mental (other than Mental Deficiency).
Mat. = Maternity.	M.D. = Mental Deficiency.
Chr. = Chronic.	Other ~
I.D. = Infectious Diseases.	Pri. = Private Patient.
T.B. = Tuberculosis.	P.P. = Part-Payment.

The category “Acute” covers all general and special acute beds other than those for private patients or for maternity, I.D., T.B., or mental treatment. The category “Mental (other than Mental Deficiency)” covers all mental treatment beds (other than for mental defectives) including psychiatric beds in general hospitals.

The category “Other” covers beds which do not fall under any of the other categories. It includes in particular convalescent beds, beds whose final use has not yet been determined and beds provided for local authorities as accommodation for the purposes of the National Assistance and the Children Acts. Wherever known the nature of the beds included under “Other” is indicated in the “Notes” column.

All private patient beds, whether or not reserved for any special types of case, are included under the one heading “Private Patient” *i.e.*, no private patient beds are included under any of the other categories.

Part-Payment beds are, on the other hand, included in the first instance under other categories, *i.e.* Acute, Maternity, etc., and in the total number of beds given in the last but one column of figures.

Unless otherwise stated all bed complement figures are those applying at 30th November, 1948. The figures given in ordinary type are the number of beds which were actually available for use at that date. Where, in addition to these beds, the hospital has further beds which, because of shortage of staff or other causes (other than purely temporary causes such as re-decoration), were not available for use at 30th November, 1948, the figures given in italics represent the number of these additional beds.

Key to Letter Symbols

Training School for Nurses									
a	Approved by General Nursing Council for England and Wales for complete training.								
aa	“	“	“	“	“	“	“	“	as wards of a complete training school.
b	“	“	“	“	“	“	“	“	for associated training.
c	“	“	“	“	“	“	“	“	for affiliated training.
d	“	“	“	“	“	“	“	“	for complete training of male nurses.
e	“	“	“	“	“	“	“	“	for affiliated training of male nurses.
f	“	“	“	“	“	“	“	“	for training of mental nurses.
g	“	“	“	“	“	“	“	“	for training of nurses for mental defectives.
h	“	“	“	“	“	“	“	“	for complete training in sick children’s nursing.
i	“	“	“	“	“	“	“	“	for affiliated training in sick children’s nursing.
j	“	“	“	“	“	“	“	“	for complete training in fever nursing.
k	“	“	“	“	“	“	“	“	for affiliated training in fever nursing.
l	Possesses Preliminary Training School for Nurses.								
m	Nursing—Three shift system in operation.								
n	Part-Time nursing scheme in operation.								
o	Training School for Midwives approved by Central Midwives Board for first period of training.								
p	“	“	“	“	“	“	“	“	for second period of training.
q	Training School recognised by Chartered Society of Physiotherapy.								
r	“	“	“	“	“	“	“	“	for Housekeepers.
s	“	“	“	“	“	“	“	“	recognised by Society of Radiographers.
t	Employs certificated almoner.*								
u	Appointments system for out-patients in operation.								
v	Psychiatric out-patient clinic in operation.								
w	Hospital designated as mental hospital.								
x	Institution directed to be used for mental defectives.								
y	Former public assistance or public health institution designated as mental hospital accommodation.								
z	Premises designated for the purposes of Section 20 of the Lunacy Act, 1890, as amended by the National Health Service Act, 1946.								

*—Although almoner services are generally made available to other hospitals in the group the key letter is only entered against the hospital at which the almoner is based.

Abbreviations, etc.

(n.y.a.) = not yet appointed.

Hpl. = Hospital.	T.B. = Tuberculosis.
Inf. = Infirmary.	V.D. = Venereal Diseases.

Part III accommodation = Beds made available by hospital management committees to local authorities as accommodation for the purposes of Part III of the National Assistance Act, 1947.

Children Act accommodation = Beds made available by hospital management committees to the local authorities as accommodation for the purposes of the Children Act, 1948.

NEWCASTLE-UPON-TYNE REGION

Area : The administrative counties of Cumberland, Durham and Northumberland. The county boroughs of Carlisle, Darlington, Gateshead, Middlesbrough, Newcastle-upon-Tyne, South Shields, Sunderland, Tynemouth and West Hartlepool.

So much of the administrative county of Westmorland as comprises the borough of Appleby and the rural district of North Westmorland. So much of the administrative county of the North Riding of York as comprises the boroughs of Redcar, Richmond and Thornaby-on-Tees; the urban districts of Eston, Guisborough, Loftus, Northallerton, Saltburn and Marske-by-the-Sea, and Skelton and Brotton; and the rural districts of Croft, Northallerton, Reeth, Richmond, Startforth and Stokesley.

Population : 2,754,000.

Regional Hospital Board

Address : "Dunira," Osborne Road, Newcastle-upon-Tyne, 2

Telephone : Jesmond 2257/8

Chairman of Board : Sir Walter Thompson, J.P. (b)

Other Members : (a) T. H. Bates, T. Benfold, C.B.E., J.P., E. F. Collingwood, C.B.E., J.P., Alderman A. Cooper, D. C. Dickson, J. Foster, W. Fraser, Alderman J. A. Hutchison, R. Muckle, Rev. R. E. Robson (one vacancy); (b) Miss D. R. Gibson, Prof. R. B. Green, Prof. W. E. Hume, C.M.G., J. R. Murray, The Rt. Hon. Lord Eustace Percy, The Viscountess Ridley, T. C. Squance, O.B.E., W. Waddell, The Rt. Hon. Lord Westwood, O.B.E.; (c) Alderman A. J. Best, J.P., L. Bird, M.B.E., G. D. Cochrane, J.P., Alderman J. Cohen, J.P., Alderman P. S. Hancock, O.B.E., T. Brunyee Harston, R. E. Jowett, G. P. Milne, Prof. F. J. Nattrass, J. Oliver.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

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E. B. JENKINS, F.H.A., Solicitor

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Psychiatrist :

T. E. HURLEY, M.B., B.S., D.P.M.

Assistant Senior Medical Officer :

C. W. MUIR, M.B., CH.B., M.R.C.P., D.P.M.

Special Area Committee for Cumberland and North Westmorland:

1, Alfred Street, Carlisle, Cumberland

Chairman : T. B. HARSTON, LL.B.

Clerk : W. J. BALL, F.H.A.

Principal Medical Officer : DR. K. FRASER (part-time)

Teaching Hospital within Region : The United Newcastle-upon-Tyne Hospitals

*Supplies Officer: A. FORMAN, A.S.A.A.,
Newcastle General Hpl.*

*Engineer: R. L. WAKE,
136, Wingrove Road, Newcastle upon Tyne 4
Tel.: Newcastle 35368*

[illegible]

1. Newcastle upon Tyne Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
W. J. Sanderson Orthopaedic Hpl., North Avenue, Gosforth, Northumberland	Gosforth 53176	C. S. Kennedy, F.H.A. Miss N. Hargrave	144									144		<i>l, m, n, u.</i>
City Infectious Diseases Hpl., Walker Gate, Newcastle upon Tyne 2	Newcastle 55131	R. Richardson, A.H.A. Dr. E. G. Brewis (Med. Supt.) Miss V. Heads				211	105					316	4	<i>j, l, n, u.</i>
Lemington Isolation Hpl., Lemington, Northumberland	Lemington 74349					50						50		<i>m, n.</i>
Smallpox & Isolation Hpl., Town Moor, Newcastle upon Tyne	Gosforth 51316	R. Richardson, A.H.A. Dr. E. G. Brewis (Med. Supt.)				172						172		
Elswick Grange Westgate Road, Newcastle upon Tyne 4	Newcastle 34256	H. England Mrs. England			120							120		<i>m, n.</i>
T.B. Clinic, 91, New Bridge Street, Newcastle upon Tyne 1	Newcastle 28520	C. Scott Dr. C. Verity (Med. Supt.)												<i>t, u.</i>
V.D. Clinic, Newcastle General Hpl., 418, Westgate Road, Newcastle upon Tyne	Newcastle 35211					261 172	105	25		22	51	1883 172	27	<i>u.</i>
TOTAL BED COMPLEMENT			967	68	384									

2. Gateshead and District Hospital Management Committee

<i>Secretary:</i> H. CLARK, "The Lodge," I.D. Hpl., Sheriff Hill, Gateshead 9 <i>Tel.:</i> Low Fell 75093, 75284, 76787										<i>Chairman:</i> ALDERMAN P. S. HANCOCK, "Thorsgrif," 9, Kells Lane North, Gateshead 9, Co. Durham									
<i>Finance Officer:</i> D. DAVISON, "The Lodge," I.D. Hpl., Sheriff Hill, Gateshead 9										<i>Engineer:</i> R. CHESNEY, The Lodge, I.D. Hpl., Sheriff Hill, Gateshead 9									
Bensham General Hpl., Saltwell Road, Bensham, Gateshead, Co. Durham	Gateshead 71071	Dr. A. E. Paxton, M.B., B.S. D.P.H., B.H.V. (Med. Supt.) Miss E. E. Thirkell	71	17	122 66	24				234 66	<i>a, d (in combination with Queen Elizabeth Hpl.) l, n, u, v, x, y, z.</i>								
Queen Elizabeth Hpl., Sheriff Hill, Gateshead, Co. Durham	Low Fell 75284	H. A. Rudd, A.H.A. Dr. A. E. Paxton (Med. Supt.) Miss A. A. Lunt	112 40	40						152 40	<i>d, n, p, u, v.</i>								

2. Gateshead and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Sheriff Hill Infectious Diseases Hpl., Sheriff Hill, Gateshead 9, Co. Durham	Low Fell 76787	H. A. Rudd Dr. J. Grant, M.D., D.P.H., Miss L. White				84	36					120		j, l, n.
Whickham & District War Memorial Cottage Hpl., Whickham, Newcastle upon Tyne	Whickham 87243	A. Willis Miss M. Dixon	35									35		u.
Gateshead Children's Hpl., Dryden Road, North, Gateshead, Co. Durham	Gateshead 71549	F. Aitchison Miss M. Cain	45									45		m, u.
Whinney House Hpl., Durham Road, Gateshead, 9, Co. Durham	Low Fell 76638	S. S. Birkett Dr. S. D. Rowlands (Med. Supt.) Miss F. M. Hall					48					48		n, u.
Windy Nook Infectious Diseases Hpl., Windy Nook, Gateshead 9, Co. Durham	Felling 82227	H. A. Rudd Miss Charlton												not in operation
Normans Riding Isolation Hpl., Winlaton, Co. Durham	Blaydon 51	R. H. Tench Miss E. Morgan				30 46						30 46		n.
T. B. Dispensary, Greensfield House, Mulgrave Terrace, Gateshead, Co. Durham	Gateshead 71187	Dr. S. D. Rowlands (Med. Supt.)												
T. B. Dispensary, c/o Whickham Cottage Hpl., Whickham, Newcastle upon Tyne	Whickham 87141	Dr. C. A. O'Neill (Med. Supt.)												
TOTAL BED COMPLEMENT			263	57	122	114	108					664		
			40		66	46						152		

3. South Shields District Hospital Management Committee

Secretary: R. Hood Coulthard, Jnr., A.H.A., A.S.A.A.,
Ingham Inf.
Finance Officer: J. K. Turnbull, A.C.C.A.,
Ingham Inf.

Chairman: Alderman W. P. McAnany,
26, Alnwick Road, South Shields,
Co. Durham.

Supplies Officer: F. Johnson, A.H.A.,
Ingham Inf.
Engineer: O. Ritchie,
South Shields General Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Ingham Inf. (1), Westoe Road, South Shields, Co. Durham	South Shields 45	R. Hood Coulthard, Jnr., A.H.A., A.S.A.A., Miss B. Carmichael, R.F.N., R.G.N., S.C.M.	159								10	169		a, l, u
South Shields General Hpl. (2), 169, Harton Lane, South Shields, Co. Durham	South Shields 2321	J. L. Davison N. Strang, M.B., CH.B. (Med. Supt.) Miss A. Rouse, S.R.N., S.C.M.	414	36				168	69	196*		883		a, d, l, n, o. Part III accommodation.
Palmer Memorial Hpl. (3), Clayton Street, Jarrow on Tyne, Co. Durham	Jarrow 67406	G. B. R. Carroll, A.H.A. Miss A. Skelly, S.R.N., S.F.M.,	15									15		"
Ellison Hall Inf. (3), Canning Street, Hebburn on Tyne, Co. Durham	Hebburn 32126	G. B. R. Carroll, A.H.A. Miss N. C. Easton, S.R.N.	17 7								1	18 7		"
Cleadon Park Sanatorium (2), Cleadon Park, South Shields, Co. Durham	South Shields 385	W. Campbell Lyons, M.B., CH.B., D.P.H. (Med. Supt.) Miss G. M. Tulip, S.R.N.					39					39		
The Deans Isolation Hpl. (2), Dean Road, South Shields, Co. Durham	South Shields 725	W. Campbell Lyons, M.B., CH.B., D.P.H. (Med. Supt.) Miss M. M. Buchanan, S.R.N.					18 18					18 18		
Primrose Hill Isolation Hpl. (3), Primrose Hill, Jarrow on Tyne, Co. Durham	Jarrow 67322	W. Campbell Lyons, M.B., CH.B., D.P.H. (Acting Med. Supt.) Miss C. Johnson, S.R.N., R.F.N.				32						32		"
Hebburn Isolation Hpl. (3), Hebburn on Tyne, Co. Durham	Hebburn 32114	W. D. Miller, M.B., B.S., B.H.Y., D.P.H. (Med. Supt.) Miss J. McCormack				28 10						28 10		"
Danesfield Maternity Home (3), Bede Burn Road, Jarrow on Tyne, Northumberland	Jarrow 67504	Miss V. M. Marshall, S.R.N., S.C.M., (Matron)		18								18		" u
Whiteleas Smallpox Hpl. (2), Whiteleas, Nr. Tyne Dock, South Shields, Co. Durham	South Shields 363	J. L. Davison, W. Campbell Lyons, M.B., CH.B., D.P.H., (Med. Supt.)				30						30		v.

3. South Shields District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
T. B. Clinic (3), St. John's Terrace, Jarrow on Tyne, Co. Durham		W. Rosmer (Strasbourg) Officer)												
T. B. Clinic (2), Stanhope Road, South Shields, Co. Durham	South Shields 1941	O. W. Marienfeld, M.D. (Rostock), D.P.H. (Berlin), L.R.C.P.S. (Ed. Glas.) (T.B. Officer)												
V.D. Clinic (2) Stanhope Road, South Shields, Co. Durham	South Shields 1941	D. J. McKinnon, M.B., CH.B. (Med. Officer)												
TOTAL BED COMPLEMENT			605	54		60	57	168	69	196	11	1220		
			7			40	18					65		

SUB-GROUPING

- (1) No. 1 House Committee Sub-Group
- (2) No. 2 House Committee Sub-Group
- (3) No. 3 House Committee Sub-Group
- Senior Administrative Officer:—R. Hood COULTHARD, JNR., A.H.A., A.S.A.A. Ingham Inf.
- Senior Administrative Officer:—J. L. DAVISON, South Shields Gen. Hpl.
- Senior Administrative Officer:—G. B. R. CARROLL, A.H.A., Ingham Inf.

4. South East Northumberland Hospital Management Committee

Secretary: GEO. BROWN,
Preston Hpl.,
Tel.: North Shields 2340/1

Finance Officer: J. WESTGARTH,
Preston Hpl.,
Tel.: North Shields 2340/1

Chairman: COUNCILLOR R. A. ANDERSON,
6, Milton Grove, North Shields,
Northumberland

Supplies Officer: C. W. McALISTER,
Preston Hpl.,
Tel.: North Shields 2340/1

Engineer: R. Hood,
Preston Hpl.,
Tel.: North Shields 2340/1

Tynemouth Victoria Jubilee Inf. Hawkey's Lane, North Shields, Northumberland	North Shields 42	D. C. Anderson Miss C. Corney	94								23	117		a, l, u
Preston Hpl., 50, Preston Road, North Shields, Northumberland	North Shields 1821	Geo. Brown Dr. F. G. M. Fraser, M.B., CH.B. (Edin), D.R.C.O.G. (Med. Supt.) Miss L. M. Jones	261	42	94							397		a, d, l, n, u, y, z
Willington Quay Maternity Hpl., Willington Quay-on-Tyne, Northumberland	Wallsend 63816	Miss J. M. Robertson (Matron)		11							4	15		

4. South East Northumberland Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Frater Maternity Home, Hawkey's Lane, North Shields, Northumberland	North Shields 636	Miss C. Corney (Matron)		6								6		
Moor Park Isolation Hpl., Moor Park, North Shields, Northumberland	North Shields 410	Dr. R. H. Dawson (M.O.H.), M.B., CH.B., D.P.H. (Med. Supt.) Miss I. Tipper				36	22 10					58 10		"
Prudhoe Memorial Convalescent Home, Whitley Bay, Northumberland	Whitley Bay 96													
Sir G. B. Hunter Memorial Hpl., The Green, Wallsend upon Tyne, Northumberland	Wallsend 63580	F. Atkinson Miss D. Mills	31	21								59		*Future use under consideration
Scaffold Hill Infectious Diseases Hpl., Forest Hall, Newcastle upon Tyne	Shiremoor 314	Miss K. Allan (Matron)				60						60		
Wallsend Infectious Diseases Hpl., Coast Road, Wallsend upon Tyne, Northumberland	Wallsend 63759	Miss M. I. Malloch (Matron)				44	30					74		
Earsdon Grange Smallpox Hpl., Earsdon, Northumberland	Shiremoor 272					16						16		
Wallsend Smallpox Hpl., Coast Road, Wallsend upon Tyne, Northumberland	Wallsend 63759	Miss M. I. Malloch (Matron)				20						20		
T.B. Clinic, Preston Road, North Shields, Northumberland	North Shields 1771	Dr. R. M. White, M.B., CH.B., D.P.H. (T.B. Officer)												
T.B. Clinic, The Green, Wallsend upon Tyne, Northumberland	Wallsend 63547	Dr. J. R. Beale, M.D., CH.B., M.R.C.S., L.R.C.P., D.P.H. (T.B. Officer)												
V.D. Clinic, Preston Road, North Shields, Northumberland	North Shields 1821	Dr. F. G. M. Fraser, M.B., CH.B., D.R.C.O.G.												
TOTAL BED COMPLEMENT			386	80	94	176	52 10					34	822 160	

5. Hexham and District Hospital Management Committee

Secretary: W. STOKELL,
Hexham General Hpl.
Finance Officer: R. NORTON,
Hexham General Hpl.

Chairman: L. BIRD, M.B.E.,
"Lane End," Corbridge-on-Tyne,
Northumberland
Supplies Officer: H. MONKS,
Hexham General Hpl.

Hospital	Telephone	Senior Officers	Bed Complement													
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes		
Hexham General Hpl., Hexham, Northumberland	Hexham 53	W. Stokell A. Curtis, F.R.C.S. (Ed.) (Med. Supt.) Miss N. C. Chinnery-Brown	266 60				52								n, t	
Charlotte Straker Hpl., Corbridge-on-Tyne, Northumberland	Corbridge 56	Miss E. J. Morgan (Matron)	13											5	18	
Hexham & District War Memorial Hpl., East Gate, Hexham, Northumberland	Hexham 54	Miss E. A. Brewster (Matron)	26					4						5	35	
Haltwhistle War Memorial Hpl., Greencroft, Haltwhistle, Northumberland	Haltwhistle 225	Miss G. Collier (Matron)	14	4										4	22	n
Corbridge Maternity Hpl., Bridge End, Corbridge-on-Tyne, Northumberland	Corbridge 129	Miss A. Harrison (Matron)		4										9	13	
Dilston Hall Maternity Hpl., Corbridge-on-Tyne, Northumberland	Corbridge 210	Alex. Hart, M.D. (Med. Supt.) Miss L. O. Moulton		60											60	n
Wooley Sanatorium, Saley, Hexham, Northumberland	Saley 267	F. L. Wollaston, M.R.C.S., L.R.C.P. (Med. Supt.) Miss C. Connor						150 30							150 30	n, n, t
Barrasford Sanatorium, Barrasford, Hexham Northumberland	Humshaugh 210	C. G. R. Goodwin, L.R.C.P., M.R.C.S. (Med. Supt.) Miss H. Sewell						95							95	
TOTAL BED COMPLEMENT			319 60	68				301 30						23	711 90	

6. Berwick-upon-Tweed Hospital Management Committee

Secretary: C. P. MARTIN,
Tweed Saw Mills,
Berwick-upon-Tweed, Northumberland,
Tel.: Berwick 443

Chairman: J. W. CARMICHAEL, J.P.,
1, Lovaine Terrace,
Berwick-upon-Tweed, Northumberland

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Berwick Dispensary & Inf., Berwick-on-Tweed, Northumberland	Berwick 566	Miss D. M. F. Forsyth, S.R.N. (Matron)										36	2		
Marshall Meadows Infectious Diseases Hpl., Marshall Meadows, Berwick-on-Tweed, Northumberland	Berwick 246	Dr. P. W. MacLagan (Med. Supt.) Miss A. Wheatley				5 21	10					15 21			
Castle Hills Maternity Hpl., Castle Hills, Berwick-on-Tweed, Northumberland	Berwick 376	Miss M. E. Johnstone, S.R.N. (Matron)		10								10			
Oxford Smallpox Hpl., Scremerston, Berwick-on-Tweed, Northumberland						6						6			
TOTAL BED COMPLEMENT				10		11 21	10				36	67 21	2		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Berwick Homes, 74 Castlegate, Berwick-upon-Tweed, Northumberland	Berwick 592	Northumberland County Council	28

7. Alnwick and Rothbury Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
R. J. MIDDLEMAS, M.A., (CANTAB.),
17, Bondgate Without, Alnwick, Northumberland
Tel.: Alnwick 44

Chairman: E. F. COLLINGWOOD, C.B.E.,
Lilburn Tower, Alnwick,
Northumberland

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Alnwick Inf., Northumberland	Alnwick 16	Miss E. E. M. Andrews, S.R.N. (Matron)	22							3	25			
Coquetdale Cottage Hpl., Rothbury, Morpeth, Northumberland	Rothbury 108	Miss S. Holmes, S.R.N., S.C.M. (Matron)		8						8*	1	17		*Convalescent
Rothbury Isolation Hpl., Rothbury, Morpeth,														
Alnwick Fever Hpl., Alnwick, Northumberland	Alnwick 197	B. Trevor Roper, M.R.C.P. (Med. Supt.)				6 12						6 12		Closed
TOTAL BED COMPLEMENT			22	8		6 12				8	4	48 12		

8. Wansbeck Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
J. J. BRENNAND,
Thomas Knight Memorial Hpl.

Chairman: G. F. HOWELL, M.A.,
King Edward VI. Grammar School,
Morpeth, Northumberland.

Morpeth Cottage Hpl., South Road, Morpeth, Northumberland	Morpeth 132	J. J. Brennand Miss E. Campbell, S.R.N.	20								3	23		u,
Ashington Hpl., West View, Ashington, Northumberland	Ashington 33	R. H. Wilkinson Med. Supt.: (vacant) Miss L. Hunter, S.R.N.	55									55		u
Thomas Knight Memorial Hpl., Beaconsfield Street, Blyth, Northumberland	Blyth 150	J. J. Brennand Miss E. M. Nicholls, S.R.N.	34								2	36		u
Ashington Isolation Hpl., The Hirst, Ashington, Northumberland	Ashington 2220	R. H. Wilkinson C. B. McGregor, M.B., D.P.H. (Med. Supt.) Miss L. Wilkinson, S.R.N.				19						19		

8. Wansbeck Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Morpeth Infectious Diseases Hpl., The Common, Morpeth, Northumberland														Closed
Phillipsons Children's Sanatorium, Stannington, Clifton, Morpeth, Northumberland	Stannington 251	E. H. Crisp J. Arnold Stobbs, M.D. (Med. Supt.) Miss G. Sutherland, S.R.N.					140 130					140 130		"
T.B. Clinic, 78, Middleton Street, Blyth, Northumberland	Blyth 514	J. J. Brennand J. R. Beal, M.D., D.P.H. (Med. Supt.)												"
T.B. Clinic, 23, Lintonville Terrace, Ashington, Northumberland	Ashington 3360	J. J. Brennand J. R. Beal, M.D., D.P.H. (Med. Supt.)												"
V.D. Clinic, 22, Stanley Street, Blyth, Northumberland	Blyth 48	I. J. Brennand W. McFarlane, M.D. (Med. Supt.)												
		TOTAL BED COMPLEMENT	109			19	140 130				5	273 130		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Thomas Taylor Homes, Shields Road, Stannington, Morpeth, Northumberland	Hepscott 215	Northumberland County Council	100

9. North West Durham Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
A. LAWTHER, A.H.A., F.C.C.S.,
Shotley Bridge Hospital

Chairman: ALDERMAN J. CHAPMAN,
121, Farndale Road,
Newcastle upon Tyne, Northumberland

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Shotley Bridge Hpl., Shotley Bridge, Co. Durham	Shotley Bridge 118	A. Lawther, A.H.A. G. F. Duggan, F.R.C.S.E. (Med. Supt.) Miss J. L. Watt	280				20							n, u, y, z	
			250												
Homeside & South Moor Hpl., South Moor, Stanley, Co. Durham	Stanley 105	A. Lawther, A.H.A. Miss C. Thompson	38											u	
Richard Murray Hpl., Blackhill, Co. Durham	Shotley Bridge 26	A. Lawther, A.H.A. Miss A. Compton	16	16										n, u	
Lanchester Isolation Hpl., Maiden Law, Lanchester, Co. Durham	Lanchester 53	C. J. Lander W. M. Walsh, M.B., B.CH., D.P.H. (Med. Supt.) Miss E. Bowyer				100								n	
						52									
Lee Hill Hpl., Lanchester, Co. Durham		T. Hindmarch, F.H.A. Miss W. K. Doyle	42		159				44					n, u	
			28		8										
Consett T.B. Clinic, East Parade, Consett, Co. Durham		A. Lawther, A.H.A. C. A. O'Neill, M.B., CH.B., B.A.O.												u	
		TOTAL BED COMPLEMENT	376	16	159	100	20	44					715		
			278		8	52							338		

10. Sunderland Area Hospital Management Committee

Secretary: F. Dagnall, F.H.A., F.C.I.S.,
Royal Inf.

Finance Officer: C. P. Neat, F.I.M.T.A.,
Royal Inf.

Chairman: ALDERMAN J. COHEN, J.P.,
16, Barnes Park Road, Sunderland, Co. Durham

Supplies Officer: NORMAN G. ROSS,
Royal Inf.

Royal Inf., Durham Road, Sunderland, Co. Durham	Sunderland 5492	F. Dagnall, F.H.A., F.C.I.S. Miss W. A. K. Bates, S.R.N., S.C.M.	248	a, d, l, n, t, u, v
Children's Hpl., Durham Road, Sunderland Co. Durham	Sunderland 6162	F. Dagnall, F.H.A., F.C.I.S. Miss V. Sheraton, S.R.N., R.S.C.N.	70	h, l, n, t, u

10. Sunderland Area Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										P.P.	Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		
Monkwearmouth & Southwick Hpl., Newcastle Road, Sunderland, Co. Durham	Sunderland 4082	R. W. Emerson, A.H.A. Miss S. A. Parkin, S.R.N., R.F.N., S.C.M.	120									120		a, u
General Hpl., Chester Road, Sunderland, Co. Durham	Sunderland 56427	D. C. Robb, M.A., M.D. (Med. Supt.) Miss L. O. Chapinani, S.R.N., S.C.M., R.F.N.	229	70	39							329		a, d, l, o, u
Sunderland Eye Inf., Alexandra Road, Sunderland, Co. Durham	Sunderland 6751	J. Dorman, A.H.A. Miss G. Eddy, S.R.N.	42 20									42 20		
Seaham Hall Sanatorium Seaham, Co. Durham	Seaham 2251	W. C. Pinkney, M.D. (Med. Supt.) Miss E. Jackson, S.R.N.					130					130		
Grindon Hall Sanatorium, Grindon, Sunderland, Co. Durham	Sunderland 4462	E. Thorp, L.R.C.S. & P. (E), M.B., B.CH., B.A.O., D.P.H., (Med. Supt.) Miss M. M. O' Kane, S.R.N., R.F.N.					50					50		l, n
Sunderland Rural District Isolation Hpl., Hylton Road, Sunderland, Co. Durham	Sunderland 3897	R. C. F. Smith, M.D., B.S., D.P.H., (Med. Supt.) Miss I. C. Thompson, S.R.N.				20 22	39					59 22		
Sunderland County Borough Isolation Hpl., Hylton Road, Sunderland, Co. Durham	Sunderland 4462	E. Thorp, L.R.C.S. & P. (E), M.B., B.CH., B.A.O., D.P.H., (Med. Supt.) Miss M. M. O' Kane, S.R.N., R.F.N.				36 80	44					80 80		j, l, n
Thorpe Isolation Hpl., Easington, Co. Durham	Easington 371	E. F. Dawson-Walker, M.D., B.H.Y., D.P.H. (Med. Supt.) Miss W. Edwards, S.R.N., R.F.N., S.C.M.				60 15						60 15		
Northern Isolation Hpl., Junction Row, Philadelphia, Co. Durham	Houghton- Le-Spring 2120	L. A. M. Johnston, B.Sc., M.B., CH.B., D.P.H. (Med. Supt.) Miss D. McKenzie, S.R.N.				30						30		
Rainton Bridge Isolation Hpl., Houghton-le-Spring, Co. Durham	Boldon 7510	R. C. F. Smith, M.D., D.P.H. (Med. Supt.) Miss N. Ennis, S.R.N.					28					28		closed
Boldon Infectious Diseases Hpl., East Boldon, Co. Durham	Houghton- Le-Spring 2289	L. A. M. Johnston, B.Sc., M.B., CH.B., D.P.H. (Med. Supt.)				16						16		

10. Sunderland Area Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Ryhope General Hospital, Ryhope, Co. Durham	Ryhope 317	W. P. Starforth, M.B., CH.B. (Med. Supt.) Miss J. G. Preston, S.R.N.	120		120								240	n
Horden Cottage Hpl., Handley Street, Horden, Co. Durham	Horden 342	A. Langthorne (Hon.) Miss E. Dickman, S.R.N.	6										6	n
Leeholme Hpl., Easington, Co. Durham	Easington 252	G. W. Punshon Miss E. Chapman	24	3	132						108*		267	* Part III and Children Act accommodation
T.B. Clinic, Sunderland General Hospital, Chester Road, Sunderland, Co. Durham	Sunderland 56739	J. F. E. Johnson, M.B., CH.B. (Med. Supt.)												
T.B. Clinic (Durham County Council), General Hospital, Chester Road, Sunderland, Co. Durham	Sunderland 56427	D. Clay, M.B., B.S. (Med. Supt.)												
T.B. Dispensary and Clinic, Third Street, Horden, Co. Durham		D. Clay, M.B., B.S. (Med. Supt.)												
V.D. Clinic, Royal Inf., Sunderland, Co. Durham	Sunderland 5492	H. J. Bell, M.B.E., M.A., M.B., CH.B., D.P.H.				8							8	
		TOTAL BED COMPLEMENT	859	73	282	154	291				108		1767	
			20			133							153	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Heath House Hpl., Houghton-le-Spring, Co. Durham	Houghton-le-Spring 2235	Durham County Council	56
Highfield Institution, Hylton Road, Sunderland, Co. Durham	Sunderland 5448	County Borough of Sunderland	Under consideration

11. Hartlepoons Hospital Management Committee

Secretary: W. E. TUNNELL,
General Hpl.

Finance Officer: F. ALLSOPP, F.L.A.A.,
General Hpl.

Chairman: J. OLIVER,
2 Cresswell Drive, West Hartlepool, Co. Durham

Engineer: W. H. WINPENNY,
General Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
General Hpl., West Hartlepool, Co. Durham	Hartlepoons 3432	F. G. Tomlinson, Dr. A. C. Ainsley, F.R.C.S. (Eng.) (Med. Supt.) Miss A. Balmforth, S.R.N.	120	22	74			103	160			479		a, l, n, v, x, y, z
			24									24		
Cameron Hpl., Serpentine Road, West Hartlepool, Co. Durham	Hartlepoons 3196	Admin. Officer: (vacant) Miss S. Breslin, S.R.N.	90	2								92	8	a, l, m,
Hartlepoons Hpl., Friar Street, Hartlepool, Co. Durham	Hartlepoons 6155	H. Clouston, A.H.A. Miss E. D. Evans, S.R.N.	109	17								126	25	a
Grantully Maternity Home, Westbourne Road, West Hartlepool, Co. Durham	Hartlepoons 2758	Mrs. C. Palmer Miss M. B. Peirson		23								23	6	n
West Hartlepool Isolation Hpl., Brierton Lane, West Hartlepool, Co. Durham	Hartlepoons 3203	Mrs. C. Palmer M. H. Waters, B.A., M.B., B.CH. (Med. Supt.) Mrs. A. Jones				22 58						22 58		n
T.B. Clinic, Mill House, Stranton, West Hartlepool, Co. Durham	Hartlepoons 2074	M. H. Waters, B.A., M.B., B.CH. (Med. Supt.)												"
V.D. Clinic Mill House, Stranton, West Hartlepool, Co. Durham	Hartlepoons 2074													"
TOTAL BED COMPLEMENT			319 24	64	74	22 58		103	160			742 82	39	

12. Cleveland Hospital Management Committee

Secretary: L. BRITTAIN, A.H.A.,
West Lane Hpl.

Chairman: ALDERMAN A. COOPER,
c/o Messrs. Mortimer & Garbutt,
North Road, Middlesbrough, Yorks.

Finance Officer and Supplies Officer: K. C. SMALLWOOD,
West Lane Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Poole Sanatorium, Nunthorpe, Middlesbrough, Yorks	Middlesbrough 56202	A. K. Jonas, F.H.A. R. Cunningham, M.B., D.P.H. (Med. Supt.) Miss N. Price, S.R.N.					294 24							c, e
West Lane Isolation Hpl., West Lane, Middlesbrough, Yorks	Middlesbrough 88357/8	Miss S. E. Hunter, S.R.N., (Matron)				164 16	36							j, l
Stockton-on-Tees Isolation Hpl., Durham Road, Stockton-on-Tees, Co. Durham	Stockton 66707	Miss D. Green, S.R.N. (Matron)												j
Guisborough Joint Isolation Hpl., Guisborough, Yorks	Guisborough 65	Miss M. I. Williams, S.R.N. (Matron)				24						24		
Eston Isolation Hpl., Flatts Lane, Eston, Middlesbrough, Yorks	Normanby 239	Miss J. Arthur, S.R.N. (Matron)				36						36		
Eston Smallpox Hpl., Eston, Middlesbrough, Yorks		Miss J. Arthur, S.R.N. (Matron)				20						20		
TOTAL BED COMPLEMENT						244 16	330 24					574 40		

13. Tees-Side Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Hemlington Emergency Hpl., Hemlington, Nr. Middlesbrough, Yorks.	Middlesbrough 56147	Dr. P. W. Griffin (Deputy Med. Supt.) Miss D. Gardner	120 40	20	20							160 40		l, n, r
Municipal Maternity Hpl., Park Road, North, Middlesbrough, Yorks.	Middlesbrough 2001	B. Williams, F.R.C.S., F.R.C.O.G. (Med. Supt.) Miss H. Kirkbride	56			3						59		o
Robson Maternity Home, Bowesfield Lane, Stockton-on-Tees, Co. Durham	Stockton 6169	Miss M. A. Nixon (Matron)	21			1						22		n
Overdene Maternity Hpl., Victoria Road, Saltburn, Yorks.	Saltburn 225	Miss L. V. Betts (Matron)	21									21		
T.B. Clinic, 35, Grange Road, Middlesbrough, Yorks.	Middlesbrough 3810	S. G. Lightfoot Dr. M. Walton (Clinical T.B. Officer)												
T.B. Clinic, Cleveland House, Bowesfield Lane, Stockton-on-Tees, Co. Durham	Stockton 6251	S. G. Lightfoot												
T.B. Clinic, 8, Station Street, Redcar, Yorks.		S. G. Lightfoot												
T.B. Clinic, 33, Nelson Street, South Bank, Yorks.		S. G. Lightfoot												
T.B. Clinic, School Clinic, George Street, Thornaby-on-Tees, Yorks.		S. G. Lightfoot												
T.B. Clinic, 2, South Terrace, Skelton-in-Cleveland, Yorks.		S. G. Lightfoot												
V.D. Clinic, Stockton & Thornaby Hpl., Bowesfield Lane, Stockton-on-Tees	Stockton 66268	S. G. Lightfoot												
TOTAL BED COMPLEMENT			673 81	128	256	4	37				19	1117 81	4	

13. Tees-Side Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Holgate Institution, St. Barnabas Road, Middlesbrough, Yorks.	Middlesbrough 8203	Middlesbrough Corporation	42

14. Sedgelyield Hospital Management Committee

Secretary and Supplies Officer: L. WATSON, A.H.A., A.C.C.S.,
Sedgelyield General Hpl.
Finance Officer: B. HALL,
Sedgelyield General Hpl.
Chairman: W. BAINES,
22, Chaytor Terrace,
Fishburn, Stockton-on-Tees, Co. Durham
Engineer: (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Sedgefield General Hpl., Sedgefield, Stockton-on-Tees, Co. Durham	Sedgefield 236, 230	L. Watson, A.H.A., A.C.C.S.	412											n, u
		A. Hay-Bower, M.B., CH.B. (Med. Supt.)												
		Miss L. E. Carr, S.R.N., S.C.M.												
Sedgefield Isolation Hpl., Sedgefield, Stockton-on-Tees, Co. Durham	Sedgefield 214	L. Watson, A.H.A., A.C.C.S.				36							36	m, n
		Miss E. M. Brayshaw, S.R.F.N.												
Hardwick Hall Maternity Home, Sedgefield, Stockton-on-Tees, Co. Durham	Sedgefield 253	L. Watson, A.H.A., A.C.C.S.		40									40	n
		Miss F. V. Duffy, S.R.N., S.C.M.												
Wheatley Hill Smallpox Hpl., Wheatley Hill, Co. Durham	Wheatley Hill 314	L. Watson, A.H.A., A.C.C.S.				24							24	
		TOTAL BED COMPLEMENT	412	40		60							512	

15. South West Durham Hospital Management Committee

Secretary: K. G. T. LUXFORD, F.H.A., A.C.C.S., M.R.S.A.N.I.,
Bishop Auckland General Hpl.

Chairman: F. HUNT
40, St. John's Gardens,
Sunnybrow,
Willington, Co. Durham

Finance Officer: J. S. WETHERBURN, I.M.T.A.,
Bishop Auckland General Hpl.

Supplies Officer: A. F. PIDGEON, F.H.A.,
Bishop Auckland General Hospital.

Engineer: T. ROBINSON,
Bishop Auckland General Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Bishop Auckland General Hpl. (1), Bishop Auckland, Co. Durham	Bishop Auckland 615	K. G. T. Luxford, F.H.A., A.C.C.S., M.R.S.A.N.I. A. E. Raine, M.B., B.S. (Med. Supt.) Miss M. S. Dinning, S.R.N., S.C.M.	154	22	139					289		604		n, x, z
Lady Eden Cottage Hpl. (1), 19, Cockton Hill Road, Bishop Auckland, Co. Durham	Bishop Auckland 60	J. Collier, A.H.A. Miss C. Annison, C.M.B., S.R.N.	20									20		n
Maternity Home (1), Princes Street, Bishop Auckland, Co. Durham	Bishop Auckland 190	J. Collier, A.H.A. Miss D. English, S.R.N., S.C.M.		17								17		n
Helmington Row Infectious Diseases Hpl. (1), Helmington Road, Nr. Crook, Co. Durham	Crook 139	J. Collier, A.H.A. Dr. F. Lishman, M.B., B.S. (Med. Supt.) Miss M. E. Norton, S.E.A.N.				84	14					98		n
Tindale Crescent Infectious Diseases Hpl. (1), Tindale Crescent, Nr. Bishop Auckland, Co. Durham	Bishop Auckland 80	J. Collier, A.H.A. Dr. P. V. Anderson, M.B., B.S. (Med. Supt.) Miss D. M. Grange, S.R.N., S.C.M., R.F.N.				93	14					107		n
Weardale Isolation Hpl. (2), Stanhope, Co. Durham	Stanhope 208	N. Richards Mrs. H. Austin, S.R.N.				21						21		
Binchester Whins Smallpox Hpl. (1), Newfield, Nr. Willington, Co. Durham	Bishop Auckland 67	J. Collier, A.H.A.				61						61		
Horn Hall Sanatorium (2), Stanhope, Bishop Auckland, Co. Durham	Stanhope 233	N. Richards J. F. McConchie, M.B., CH.B. (Med. Supt.) Miss E. H. Morrison, S.R.F.N., C.M.B.					44					44		
Leazes House Sanatorium (2), Wolsingham, Bishop Auckland, Co. Durham	Wolsingham 286	N. Richards J. F. McConchie, M.B., CH.B. (Med. Supt.) Miss P. Batey, S.R.N., C.M.B., Q.A.I.M.N.S.					33					33		n

15. South West Durham Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Holywood Hall Sanatorium (2), Wolsingham, Bishop Auckland, Co. Durham	Wolsingham 205	N. Richards J. W. Gray, M.A., M.D., B.Sc. (Med. Supt.) Miss E. J. Pattinson, S.R.N.					184					184		l, n, u
T.B. Clinic (1), Winefield, Etherley Lane, Bishop Auckland, Co. Durham	Bishop Auckland 36	K. G. T. Luxford, F.H.A., A.C.C.S., M.R.S.N.I.												
TOTAL BED COMPLEMENT			174	39	139	198 61	289			289		1,128 61		

SUB-GROUPING

(1) Bishop Auckland Group
(2) Weardale Sub-Group
Senior Administrative Officer : K. G. T. LUXFORD, F.H.A., Bishop Auckland General Hpl.
Senior Administrative Officer : N. RICHARDS, Holywood Hall Sanatorium.

16. Durham Hospital Management Committee

Secretary and Supplies Officer: B. H. CHUBB, M.Sc. (ECON.), A.H.A.,
Dryburn Hpl.
Finance Officer: F. P. S. CALEY F.I.M.T.A.,
Dryburn Hpl.
Chairman: J. FOSTER,
3, Redhill Villas,
Durham
Engineer: E. C. ELLIOTT, A.M.I.H.E.,
Dryburn Hpl.

Relton Hpl., Chester-le-Street, Co. Durham	Chester-le- Street 2251	H. S. Usher Miss E. Riddell	18	248								266		n
Houghall Isolation Hpl., Houghall, Nr. Durham City, Co. Durham	Durham 286													closed
Gilesgate Isolation Hpl., Gilesgate Moor, Durham	Durham 163	Miss M. Macdonald (Matron)				26						26		n
Brandon Isolation Hpl., Brandon, Co. Durham	Brandon Colliery 10	Miss V. Monaghan (Matron)				34						34		n

16. Durham Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Shincliffe Mill Smallpox Hpl., Shincliffe, Nr. Durham City, Co. Durham	Durham 387														not in use
Black Fell Smallpox Hpl., Chester-le-Street, Co. Durham			135				25			230		160 230			not in use
Dryburn Hpl., North Road, Durham	Durham 720	R. A. Pounder J. B. Marinar, F.R.C.S., M.B., B.CH. (Med. Supt.) Miss B. P. L. Amor													l, n, u
Croxdale Maternity Home, Croxdale, Co. Durham	Brandon Colliery 1	Miss F. Robson (Matron)		12 10								12 10			n
Earls House Sanatorium, Durham	Durham 30	H. R. Shenkin, M.B., CH.B. (Med. Supt.) Miss H. Appleton					68 10					68 10			n, u
County Hpl., North Road, Durham	Durham 954	C. Ball, A.H.A. Miss M. Lee	120									120	4		a, l, u, v
Crossgate Hpl., 37, Crossgate, Durham	Durham 190	D. J. Jones Miss F. Snaith		4	120	12	4		48			188			l, n, y, z
Langley Park Infectious Diseases Hpl., Langley Park, Co. Durham	Langley Park 214														not in use
T.B. Clinic, Ropery Lane, Chester-le-Street, Co. Durham	Chester-le- Street 3317														
T.B. Clinic, Stanley, Co. Durham															
T.B. Clinic, Sherburn Hospital, Sherburn, Co. Durham															
V.D. Clinic, County Hpl., Durham	Durham 954														
Chester-le-Street Isolation Hpl., Chester-le-Street, Co. Durham	Chester-le- Street 3354, 3207	Miss E. M. Coulson Miss M. J. Wilson				44 42	12					56 42			j, n
TOTAL BED COMPLEMENT			273	16 10	368	116 42	109 10		48	230		930 292	4		

17. Darlington District Hospital Management Committee

Secretary Finance and Supplies Officer:
G. W. BECKWITH, F.H.A., F.C.I.S.,
Darlington Memorial Hpl.

Chairman: ALDERMAN A. J. BEST, J.P.,
132 Leyburn Road,
Darlington, Co. Durham

Engineer: F. A. WHITE,
Darlington Memorial Hpl.

Hospital	Telephone	Senior Officers	Bed Complement									
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total
Darlington Memorial Hpl., Hollyhurst Road, Darlington, Yorks	Darlington 2793	G. W. Beckwith, F.H.A., F.C.I.S. Miss J. Gatenby	210									210
Darlington Maternity Hpl., Greenbank Road, Darlington, Yorks	Darlington 5991	G. W. Beckwith, F.H.A., F.C.I.S.* Miss K. I. Kemp		41								41
Darlington Borough Infectious Diseases Hpl., Yarm Road, Darlington, Yorks	Darlington 2425	Mrs. A. M. Steven (Matron)				67	21					88
Startforth Isolation Hpl., Hunderthwaite, Barnard Castle, Co. Durham	Cotherstone 227	Miss Halliday (Matron)				16						16
Darlington Smallpox Hpl., Hundens Lane, Darlington, Yorks												
Rose Cottage Infectious Diseases Hpl., Marwood, Barnard Castle, Yorks												
Richmond Infectious Diseases Hpl., Richmond, Yorks (Annexe to Richmond Victoria Hpl.)		Miss A. M. Coxon (Sister-in-charge)								12†		12
Richmond and District Victoria Hpl., Queens Road, Richmond, Yorks	Richmond 2109	Miss A. M. Coxon (Sister-in-charge)								8		8
T.B. Clinic, Greenbank Maternity Hpl., Darlington, Yorks	Darlington 5911											
V.D. Clinic, Greenbank Maternity Hpl., Darlington, Yorks	Darlington 5911											
TOTAL BED COMPLEMENT			210	41		83	21			8 12		363 12

17. Darlington District Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
East Haven, Hundens Lane, Darlington, Yorks	Darlington 2421	Darlington Corporation	96
Cambridge House, Barnard Castle, Co. Durham	Barnard Castle 2	Durham County Council	21

18. Northallerton Hospital Management Committee

Secretary and Finance Officer: M. R. WALLACE,
Friarage Hpl.

Chairman: J. W. ADAMSON,
Oldstead Hall, Coxwold, Yorks.

Supplies Officer: W. ROBINSON,
Friarage Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Rutson Hpl., Northallerton, Yorks	Northallerton 23	M. R. Wallace Miss G. Inman	28									28		
Friarage Hpl. Northallerton, Yorks	Northallerton 675	M. R. Wallace Miss G. Inman	100*									100		*Orthopaedic.
Northallerton Inf., Northallerton, Yorks	Northallerton 185	M. R. Wallace Mrs. J. W. Punch			70							70		
Mount Pleasant Maternity Hpl., Northallerton, Yorks	Northallerton 18	M. R. Wallace Miss R. Cochran		20 10								20 10		
Isolation Hpl., Northallerton, Yorks	Northallerton 133	M. R. Wallace Miss M. B. Garland				16						16		
		TOTAL BED COMPLEMENT	128	20 10	70	16						234 10		

*Orthopaedic.

19. East Cumberland Hospital Management Committee

Secretary: A. PICKERING, A.H.A.,
Cumberland Inf.

Chairman: A. A. RUSHFORTH,
Manager, Martins Bank, Ltd.,
33, English Street, Carlisle,
Cumberland

Supplies Officer: H. C. DICKINSON, A.R.I.P.H.,
Cumberland Inf.

Finance Officer: W. A. WEBB, A.I.M.T.A.,
Cumberland Inf.

Engineer: H. E. HEARNDEN,
Cumberland Inf.

Cumberland Inf., Carlisle, Cumberland	Carlisle 590	A. Pickering, A.H.A., Miss D. Say, S.R.N.	289									289	a, l, m, n, r, t, u, v
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19. East Cumberland Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement									
			Acut e	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total
City Maternity Hpl., Fusehill Street, Carlisle, Cumberland	Carlisle 2206	A. Pickering, A.H.A. Miss M. L. Webster, S.R.N., S.C.M.		56								56
Border Counties Home for Incurables, Strathclyde House, Wigton Road, Carlisle, Cumberland	Carlisle 68	A. Pickering, A.H.A. Miss M. Dearden, S.R.N.			40							40
City General Hpl., Fusehill Street, Carlisle, Cumberland	Carlisle 2206	A. Pickering, A.H.A. Mrs. S. H. H. Bertram, S.R.N., S.C.M.	104		42		14					160
Carlisle Maternity Home, George Street, Carlisle, Cumberland	Carlisle 16	A. Pickering, A.H.A. Miss M. I. Templeton, S.R.N., S.C.M.		15								15
Carlisle Infectious Diseases Hpl., Newtown, Carlisle, Cumberland	Carlisle 64	A. Pickering, A.H.A. Miss A. Sim, S.R.F.N., S.R.N., S.C.M.				55	10					65
Mary Hewetson Cottage Hpl., Keswick, Cumberland	Keswick 12	A. Pickering, A.H.A. Miss L. T. Robertson, S.R.N., S.C.M.	25								5	30
Penrith Jubilee Cottage Hpl., Beacon Road, Penrith, Cumberland	Penrith 2026	A. Pickering, A.H.A. Miss J. Cunningham, S.R.N., Q.I.D.N.	15								2	17
Brampton and District War Memorial Hpl., Brampton, Cumberland	Brampton 34	A. Pickering, A.H.A. Miss S. J. Scott, S.R.N., S.C.M.		12								12
Ruth Lancaster James Cottage Hpl., Alston, Cumberland	Alston 218	A. Pickering, A.H.A. J. R. Hassan, M.B., CH.B., D.R.C.O.G. (Med. Supt.) Miss K. Blair, S.R.N., S.C.M.		9								9
Fairhill Isolation Hpl., Penrith, Cumberland	Penrith 2020	A. Pickering, A.H.A. J. Sachs, M.B., CH.B., D.P.H. (Med. Supt.) Miss M. McLean, S.R.N., S.C.M., S.R.F.N.				27						27
Longtown Isolation Hpl., Longtown, Cumberland	Longtown 222	A. Pickering, A.H.A. Miss A. A. Thornton				16 18						16 18

19. East Cumberland Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Blencathra Sanatorium, Threlkeld, Nr. Keswick, Cumberland	Keswick 65	A. Pickering, A.H.A. H.L.R. Sargent, M.B., CH.B. (Med. Supt.) Miss E. Hankey, S.R.N., S.C.M.				100						100		
Ormside Isolation Hpl., Ormside, Nr. Appleby, Westmorland	Appleby 33	A. Pickering, A.H.A. Mrs. M. E. Miller, S.R.N., S.F.N., S.C.M.				32						32		
The County Maternity Home, Penrith, Cumberland	Penrith 2645	A. Pickering, A.H.A. Miss I. E. Thomson, S.R.N., S.C.M.		13								13		
T.B. Clinic, George Street, Carlisle, Cumberland	Carlisle 513	A. Pickering, A.H.A. H.L.R. Sargent, M.B., CH.B. (Med. Supt.) Miss E. R. Ferguson												
T.B. Clinic, 14, Portland Square, Carlisle, Cumberland	Carlisle 950	A. Pickering, A.H.A. Dr. I. F. MacKenzie, M.B., D.P.H., D.T.M. (Med. Supt.)												
T.B. Clinic, Southend House, Southend Road, Penrith, Cumberland		A. Pickering, A.H.A. F. W. Gavin, M.D., M.B., CH.B., D.P.H. (Med. Supt.)												
T.B. Clinic, The Old First Aid Post, Appleby, Westmorland		A. Pickering, A.H.A. J. Munro-Campbell, M.B., CH.B., D.P.H. (Med. Supt.)												
T.B. Clinic, Union Lane, Brampton, Cumberland	Brampton 174	A. Pickering, A.H.A. A. H. Towers, M.B., CH.B., B.H.V., D.P.H. (Med. Supt.)												
V.D. Clinic, Cumberland Inf., Carlisle, Cumberland	Carlisle 590	A. Pickering, A.H.A. A. C. B. McMurtrie, M.D., F.R.C.S.E., D.P.H. (Med. Supt.) Miss D. Say, S.R.N.												
TOTAL BED COMPLEMENT			433	84	82	130	124					881		
			— 21 —			18						18		

20. West Cumberland Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
T.B. Clinic, Egremont, Cumberland	Cleator Moor 221													
T.B. Clinic, Frizington, Cumberland														
T.B. Clinic, Maryport, Cumberland														
T.B. Clinic, Millom, Cumberland	Whitehaven 647													
T.B. Clinic, Whitehaven, Cumberland														
T.B. Clinic, Wigton, Cumberland														
T.B. Clinic, Workington, Cumberland	Workington 85													
V.D. Clinic, Whitehaven and West Cumberland Hpl., Whitehaven, Cumberland	Whitehaven 575													
TOTAL BED COMPLEMENT			166	35		65					14	280		

JOINT USER ARRANGEMENTS
In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Meadow View House, Low Road, Whitehaven, Cumberland	Whitehaven 374	Cumberland County Council	88

24. Winton Hospital Management Committee

Secretary and Finance Officer: C. W. GILL,
Winterton Mental Hpl.

Chairman: COUNCILLOR M. TATE, J.P.,
324, Woodland Crescent,
Kelloe, Ferryhill, Co. Durham

Supplies Officer: E. LEGGE,
Winterton Mental Hpl.

Engineer: G. J. Woodless,
Winterton Mental Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Winterton Mental Hpl., Sedgefield, Stockton on Tees, Co. Durham	Sedgefield 211	C. W. Gill, F.H.A. F. D. MacGillp, M.B., CH.B. (Med. Supt.) Miss E. E. Gardner, M.B.E.						1973					1973		f, l, m, n, v, w
		TOTAL BED COMPLEMENT						1973					1973		

25. St. Mary's Hospital Management Committee

Secretary, Finance Officer and Supplies Officer: R. WOOD, F.H.A.,
St. Mary's Hpl.

Chairman: ALDERMAN J. A. HUTCHISON,
6, Millway, Sheriff Hill, Gateshead 9,
Co. Durham

Engineer: H. S. CLARKE,
St. Mary's Hpl.

[illegible]

26. Northgate and District Hospital Management Committee

Secretary: H. JONES,
Northgate & District Hpl.

Chairman: ALDERMAN F. C. HYDE, J.P.,
3, Carlton Avenue, Newsham, Blyth,
Northumberland

Engineer: J. W. STAINSBY,
Northgate and District Hpl.

[illegible]

27. Prudhoe and Monkton Hospital Management Committee

Secretary, Finance Officer and Supplies Officer: J. G. GILLET,
Prudhoe Hall Hpl.

Chairman: COUNCILLOR R. E. JACKSON,
21, The Gardens, Monkseaton, Whitley Bay,
Northumberland

Engineer: E. KENNEDY,
Prudhoe Hall.
Tel.: Prudhoe 294

Hospital	Telephone	Senior Officers	Bed Complement											Notes		
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.			
Prudhoe Hall Hpl. and Monkton Hall, Prudhoe on Tyne, Northumberland	Prudhoe 294	J. G. Gillett, F.H.A., A.R.S.N.I. G. McCoull, O.B.E., V.R.D., M.D. (Med. Supt.) Miss A. Reay M. Raw (Chief Male Nurse)										910			910	g, l, n, v, x
		TOTAL BED COMPLEMENT											910				910

28. St. Nicholas Hospital Management Committee

Secretary and Finance Officer: A. SEABRIDGE, F.H.A.,
St. Nicholas Hpl.

Chairman: PROFESSOR A. KENNEDY,
Dept. of Psychological Medicine, Royal Victoria Infirmary,
Newcastle upon Tyne

Supplies Officer: (vacant)

Engineer: J. R. CARR,
St. Nicholas Hpl.

St. Nicholas Hpl., Gosforth, Newcastle on Tyne, Northumberland	Newcastle 51037	A. Seabridge, F.H.A. J. P. Child, M.A., M.R.C.P., D.P.M. (Med. Supt.) Miss W. E. Thompson, S.R.N.						1084	170			1254		f, n, v, w, x
		TOTAL BED COMPLEMENT						1084	170			1254		

29. St. George's Hospital Management Committee

Secretary, Finance Officer and Supply Officer: H. B. LUMLEY, F.H.A.,
St. George's Hpl.
Tel.: Morpeth 338

Chairman: COUNCILLOR R. ALLAN, O.B.E., J.P.,
20, Holywell Dene Road, Bates Cottages,
Seaton Delaval, Northumberland

St. George's Hpl., East Collingwood, Morpeth, Northumberland	Morpeth 37	H. B. Lumley, F.H.A. J. R. Murray, M.D., B.S., M.R.C.S., L.R.C.P., D.P.M. (Med. Supt.) Miss A. Robinson, S.R.N., C.M.B., R.M.P.A.						1168				1168		f, m, n, w
		TOTAL BED COMPLEMENT						1168				1168		

30. St. Luke's Hospital Management Committee

Secretary and Finance Officer: G. H. M. WARD, F.H.A.,
St. Luke's Hpl.

Supplies Officer: E. W. BELL, A.H.A.,
St. Luke's Hpl.

Chairman: ALDERMAN E. TURNER,
4, Claude Avenue, Linthorpe, Middlesbrough,
Yorks.

Engineer: W. FALL,
St. Luke's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
St. Luke's Hpl., Grove Hill, Middlesbrough, Yorks.	Middlesbrough 88352/3	G. H. M. Ward, F.H.A. T. M. Cuthbert, M.R.C.S., L.R.C.P., D.P.M. (Med. Supt.) Miss R. M. Newlands, S.R.N. A. Moyle, R.M.N. (Chief Male Nurse)						550					550		f, n, v, w, z
														550	
TOTAL BED COMPLEMENT													550		

31. Aycliffe Hospital Management Committee

Secretary, Finance Officer and Supplies Officer: T. H. ALLAN,
F.H.A.,
Aycliffe Hpl.

Engineer: J. E. GILHOLME,
20, School Aycliffe Cottages. School Aycliffe,
Heighington, Co. Durham
Tel.: Aycliffe 2258

Aycliffe Hpl., Heighington, Darlington, Co. Durham	Aycliffe 2258	T. H. Allan, F.H.A. W. Dunn, M.D., M.B., B.S. (Med. Supt.) Miss E. Gibson, F.R.N., S.C.N., R.M.P.A.								301			301	m, n, z
TOTAL BED COMPLEMENT										301			301	

LEEDS REGION

Area : The administrative counties of the East Riding of York, the North Riding of York (except the part included in the Newcastle Regional Hospital Area) and the West Riding of York (except the part included in the Sheffield Regional Hospital Area). The county boroughs of Bradford, Dewsbury, Halifax, Huddersfield, Kingston-upon-Hull, Leeds, Wakefield and York.

Population : 3,129,609.

Regional Hospital Board

Address : 29/31, Eastgate, Leeds, 2

Telephone : Leeds 32281/3

Chairman of Board : Alderman H. J. Bambridge, O.B.E., J.P. (b)

Other Members : (a) L. Crowther, O.B.E., J.P., Miss M. F. Dykes, A. F. George, W. W. A. Kelly, J.P., D. C. Muir, Prof. M. J. Stewart, Alderman A. Sugden, J.P. ; (b) Alderman D. Beevers, J.P., G. W. Black, Prof. A. M. Claye H. Denham, B. Hazell, M.B.E., W. L. Lawton, C.B.E., J.P., J. I. Russell ; (c) Mrs. N. Fienburgh, S. Clayton Fryers, C.B.E., J. C. Hunter, W. S. Macdonald, M.C., J.P., Mrs. I. B. Shaw, Alderman R. E. Smith, Prof. R. E. Tunbridge, O.B.E., D. Watson.

N.B.—Members under (a) are appointed to serve until March 31st, 1952 ; those under (b) until March 31st, 1950 ; those under (c) until March 31st, 1951.

Secretary :

W. A. SHEE, F.H.A.

Assistant Secretary :

W. BOWRING, D.P.A., A.H.A.

Treasurer :

H. W. JONES, A.H.A., A.C.A.

Assistant Treasurer :

E. WOOLDRIDGE, A.I.M.T.A.

Architect :

R. MELLOR, F.R.I.B.A.

Senior Admin. Medical Officer :

A. B. WILLIAMSON, O.B.E., T.D., M.A., B.Sc., M.D.
D.P.H.

Psychiatrist :

J. J. H. LOWE, M.D., M.R.C.P., M.R.C.S., D.P.M.

Assistant Senior Medical Officer :

D. A. LOWE, M.B., CH.B., D.P.H.

Medical Officer :

A. A. DRIVER, M.D., D.P.H.

Teaching Hospital within Region : The United Leeds Hospitals

LEEDS REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Scarborough, Bridlington, Malton and Whitby Group Hospital Management Committee

Secretary and Supplies Officer : H. W. Moss, F.H.A., A.C.A.,
Scarborough Hpl.

*Chairman: C. N. SCRIVEN, J.P.,
125, Stepney Road,
Scarborough, Yorks*

Finance Officer : H. MARSH, A.I.M.T.A.,
Scarborough Hpl.

Engineer : C. T. GOUGH,
Scarborough Hpl.

[illegible]

1. Scarborough, Bridlington, Malton and Whitby Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes		
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.			
Scarborough Convalescent Home for Children (1), 84, Filey Road, Scarborough, Yorks	Scarborough 1189	Mrs. H. L. Davis (Matron)													*Convalescent	
Lloyd Hpl. (2), Quay Road, Bridlington, Yorks	Bridlington 3151	Miss A. Gardiner Miss B. Cooper, S.R.N.	44											6	50	"
Avenue Hpl. (2), Westgate, Bridlington, Yorks	Bridlington 2636	Miss B. Slack, S.R.N., S.C.M. (Matron)		40	20										60	p
Bempton Lane Hpl. (2), Bempton Lane, Bridlington, Yorks	Bridlington 2932	E. T. Colville, M.D., M.B., B.H.Y., D.P.H. (Med. Supt.) Miss M. Percy, S.R.N., R.F.N.				46									46	
T.B. Dispensary, Whitby, Yorks		S. P. Wilson, M.D., D.P.H. (M-d. Supt.)														
V.D. Clinic, Scarborough Hpl., Scarborough		A. H. Baker, F.R.C.S. (Med. Supt.— Male Clinic) M. Stuart, M.D. (Med. Supt.— Female Clinic)														
T.B. Dispensary, 25, Cambridge Street, Bridlington, Yorks		T. S. Townsend, B.M., B.CH., D.P.H. (Med. Supt.)														
T.B. Dispensary, Wellington House, Norton, Yorks		T. S. Townsend, B.M., B.C.L., D.P.H. (Med. Supt.)														
		TOTAL BED COMPLEMENT	351	93	202	100						16 169		25	787 169	

SUB-GROUPING

- (1) Scarborough Sub-Group
- (2) Bridlington Sub-Group
- (3) Malton Sub-Group
- (4) Whitby Sub-Group

- Senior Administrative Officer : H. W. Moss, A.C.A., F.H.A., Scarborough Hpl.
- Senior Administrative Officer : Miss A. GARDINER, Lloyd Hpl.
- Senior Administrative Officer : R. SIMPSON, Adela Shaw Hpl.
- Senior Administrative Officer : K. WATMUFF, Whitby and District Memorial Hpl.

2. York (A) and Tadcaster Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Fulford Hpl., York Fulford, York	York 77271	J. Burrows, A.H.A. D. Robertson, M.D. (Med. Supt.) Miss M. A. Porter	450									450			
Bootham Park, York	York 3136							114			38	152	114		f, l, n, w
Hazlewood Castle Maternity Hpl., Tadcaster, Yorks	Tadcaster 2248	Miss S. T. Davey (Matron)		25								25		n, p, u	
Naburn Hpl., Fulford, York	York 77217	T. Scott, A.H.A. R. A. Hooper, M.B., B.S. (Med. Supt.) Miss E. Maloney					393					393		f, l, n, w	
T.B. Dispensary, Castlegate, York	York 2474	D. K. Stevenson, M.B., CH.B. (T.B. Officer)												t, u	
T.B. Dispensary, Westgate, Tadcaster, Yorks		V. Ryan, M.D., D.P.H. (T.B. Officer)												t, u	
		TOTAL BED COMPLEMENT	497	69	20	86	71	507			70	1,320	122		
			450									450			

SUB-GROUPING

- (1) City General Hospital Sub-Group Senior Administrative Officer :—(n.y.a.)
- (2) County Hospital Sub-Group... .. Senior Administrative Officer :—J. R. MACKRILL, F.H.A., County Hpl.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for H.M.C.
The Grange, 75, Huntington Road, York	York 3759	York County Borough Council	256

3. York (B) Hospital Management Committee

Secretary and Supplies Officer : H. H. DRYLAND, M.B.E.,
F.H.A.,
Clifton Hpl.

Chairman : K. J. LOWSON, O.B.E., M.A.,
Fairholme, Hessle, East Yorks

Finance Officer : W. J. HOOD, A.H.A.,
Clifton Hpl.

County Councillor Mrs. I. B. SHAW, J.P.,
Grey Willows,
Huntington, York

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Clifton Hpl., York	York 4677/8	H. H. Dryland, M.B.E., F.H.A. J. Ivison Russell, M.D., CH.B., F.R.F.P.S., D.P.M., (Med. Supt.) Miss A. Baron, S.R.N.						990					990		f, n, u, v, w
Clifton Hpl. Convalescent Annexe, East Ayton Lodge, East Ayton, Scarborough, Yorks	West Ayton 3134	H. H. Dryland, M.B.E., F.H.A. J. Ivison Russell, M.D., CH.B., F.R.F.P.S., D.P.M. (Med. Supt.)								20			20		n, u, v
Claypenny Colony, Easingwold, Yorks	Easingwold 255	Miss E. Harle, S.R.N., S.C.M. (Matron)									348		348		n, x
Whixley Colony, Whixley, Yorks	Green Hamerton 204	W. Lombard, A.H.A. Miss M. M. Johnson, S.R.N.										214	214		x
TOTAL BED COMPLEMENT								990		562	20		1,572		

4. Hull (A) Group Hospital Management Committee

Secretary : R. J. CARLESS, F.H.A.,
Royal Inf.

Finance Officer : J. JORDAN, A.S.A.A.,
Western General Hpl.

Chairman : K. J. LOWSON, O.B.E., M.A.,
Fairholme, Hessle, East Yorks

Supplies Officer : G. W. QUEST,
Western General Hpl.

Hull Royal Inf., Prospect Street, Hull, Yorks	Hull (Central) 36991	R. J. Carless, F.H.A. Miss P. M. Watson, S.R.N., S.C.M.	90 59									90 59		a, l, n, t, u, v
Hull Royal Inf., Sutton Branch, Sutton, Hull, Yorks	Hull (Central) 31892	R. J. Carless, F.H.A. Miss P. M. Watson, S.R.N., S.C.M.	100									100		l, n, t, u, v
Hull and East Riding Convalescent Home, Withernsea, East Yorks	Withernsea 45	R. J. Carless, F.H.A. Miss E. Jackson, S.R.N.								97*		97		n. *Convalescent

4. Hull (A) Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Victoria Hpl. for Sick Children, Park Street, Hull, Yorks	Hull (Central) 36678	A. O. Bonner, F.H.A. Miss M. Allison, S.R.N.	150									150		<i>h, l, n, t, u</i>
Hull Hpl. for Women, Cottingham Road, Hull, Yorks	Hull (Central) 7519	R. J. Carless, F.H.A. Miss E. Christian, A.R.R.C.	22								5	27		<i>n</i>
Townend Maternity Home, Cottingham Road, Hull, Yorks	Hull (Central) 7905	R. J. Carless, F.H.A. Miss E. Christian, A.R.R.C.									10	10		<i>n</i>
Western General Hpl., 188, Anlaby Road, Hull, Yorks	Hull (Central) 34776	J. Lyons, F.H.A. Miss I. Barker, S.R.N.	237 <i>54</i>		141		32	96				506 <i>54</i>		<i>a, l, n, t, u, z</i>
Kingston General Hpl., 160, Beverley Road, Hull, Yorks	Hull (Central) 8220	Admin. Officer: (vacant) Miss J. Tindall, S.R.N., S.C.M.	196		150	22	18	12				398		<i>a, d, l, m, n, t, z</i>
Hull Maternity Hpl., Hedon Road, Hull, Yorks	Hull (Central) 34643	R. J. Carless, F.H.A. Miss O. Wainwright, S.R.N., S.C.M.		68								68		<i>o</i>
Woodgates House Maternity Home, North Ferriby, East Yorks														<i>not yet in operation</i>
John Symons' Home, Park Row, Park Street, Hull, Yorks	Hull (Central) 33515	A. O. Bonner, F.H.A. Miss A. Henderson, S.R.N.			12							12		
Westerland Infants' Hpl., Elloughton, Brough, East Yorks	Brough 212	R. J. Carless, F.H.A. Miss M. W. Lyons, S.R.N.	25									25		<i>n</i>
V.D. Clinic, Hull, Yorks	Hull (Central) 35745	R. J. Carless, F.H.A. R. J. Barlee, L.R.C.P.I., L.R.C.S.I. (Med. Officer)												
TOTAL BED COMPLEMENT			820 <i>113</i>	68	303	22	50	108		97	15	1,483 <i>113</i>		

5. Hull (B) Hospital Management Committee

Secretary : E. ANDREW,
Castle Hill, Cottingham, E. Yorks
Tel. : Cottingham 47687

Finance Officer : H. H. TURNER,
Castle Hill, Cottingham, E. Yorks

Chairman : Councillor H. J. BARNEY,
Castle Hill, Cottingham, E. Yorks

Supplies Officer : (n.y.a.)

Hospitals Engineer : C. H. HUDSON, J.P.,
De La Pole Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Raywell Sanatorium, Cottingham, East Yorks	Hull (Kirkella) 46055	T. S. Townsend, M.A., B.M., B.CH., D.P.H. (Med. Supt.) Miss H. R. Todd, S.R.N.					50					50		n, u
Castle Hill Hpl and Sanatorium, Castle Road, Cottingham, East Yorks	Hull (Cottingham) 47372	S. R. Jamieson, M.D., D.P.H. Miss D. H. Dronfield, S.R.N.				101 162	108 50					209 212		j, l, n
De La Pole Hpl., Willerby, East Yorks	Hull (Cottingham) 47361	W. Barnett, M.C., F.H.A. J. MacInnes, M.B., CH.B., D.P.M. (Med. Supt.) Miss M. D. Gourdie, S.R.N., R.M.P.A.						1,068				1,068		f, n, v, w
Tilworth Grange, Sutton, Hull, Yorks	Hull (Central) 32131	Miss J. Walker, S.R.N., S.C.M., R.N.M.D. (Matron)						2				2		n, x
The Colony, Winestead, Nr. Patrington, East Yorks	Patrington - 247	H. Ford, R.M.P.A. Mrs. D. M. Ford, R.M.P.A.						130				130		x
Seacroft Maternity Home, Queen Street South, Withernsea, East Yorks	Withernsea 133	Mrs. A. Cook (Sister-in-charge)												not yet open
T.B. Dispensary, "Durham House," 324, Holderness Road, Hull, Yorks	Hull (Central) 31266	R. Hardy, M.D., D.P.H. (Med. Supt.)												u
T.B. Dispensary, 400, Coltman Street, Hull, Yorks	Hull (Central) 33948	R. Hardy, M.D., D.P.H. (T.B. Officer)												u
T.B. Dispensary, "Dunedin," Patrington, East Yorks		T. S. Townsend, M.A., B.M., B.CH., D.P.H. (T.B. Officer)												u
T.B. Dispensary, The Square, Hessle, Yorks		T. S. Townsend, M.A., B.M., B.CH., D.P.H. (T.B. Officer)				101 162	158 50	1,200				1,459 212		u
TOTAL BED COMPLEMENT														

6. East Riding Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Orthopaedic Clinic, Church Street, Driffield, Yorks		TOTAL BED COMPLEMENT	288	45	124		70	669	232	41	9	1,478	3	
			109	20								129		

7. Goole, Howden and Selby Hospital Management Committee

Secretary : E. CUSWORTH,
Bartholomew Hpl.
Tel. : Goole 74

Chairman : Sir Harold WILBERFORCE-BELL, K.C.I.E., D.L., J.P.,
Portington Hall,
Howden, Yorks

Finance Officer : S. GABRIEL,
Bartholomew Hpl.
Tel. : Goole 74

Bartholomew Hpl., Bartholomew Avenue, Goole, Yorks	Goole 224	Miss L. Liptrót, S.R.N., S.C.M. (Matron)	37									37		n
Goole Maternity Home, Bartholomew Avenue, Goole, Yorks	Goole 293	Miss M. Straw, S.R.N., S.C.M. (Matron)	10									10		n
Westfield Hpl., Hook, Nr. Goole, Yorks	Goole 73	Miss A. McMillan, S.R.N. (Matron)				28						28		n
Thorpe Road Hpl., Howden, Nr. Goole, Yorks	Howden 233													closed
Rawcliffe Hall Hpl., Rawcliffe, Nr. Goole, Yorks	Rawcliffe 35	Miss L. A. Cassidy, S.R.N., R.M.P.A. (Matron-Supt.)							121			121		n, x
St. John's Hpl., 65, Boothferry Road, Goole, Yorks	Goole 35	C. Borrill Mrs. E. M. Borrill, S.R.N., S.C.M.			134							134		n
Selby and District War Memorial Hpl., Doncaster Road, Selby, Yorks	Selby 64	Miss A. A. Chapleo, S.R.N. (Matron)			31							31		n
Longwood Hpl., Selby, Yorks	Selby 176	Miss A. Wilson, S.R.N. (Matron)				17						17		
T.B. Dispensary, 37, Hook Road, Goole, Yorks		G. S. Johnstone, M.D., CH.B., D.P.H. (Med. Supt.)												
T.B. Dispensary, Ousegate, Selby, Yorks		C. H. Koefoed, M.D., CH.B., PH.B. (Med. Supt.)												
TOTAL BED COMPLEMENT			37	10	165	45			121			378		

8. Pontefract and Castleford Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
T.B. Dispensary (3), The Green, South Kirkby, Nr. Pontefract, Yorks.		Dr. G. S. Johnston (Med. Supt.)												
		TOTAL BED COMPLEMENT	168	20	300	133						621		

SUB-GROUPING

(1) Pontefract Group Sub-Group

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institution

<i>Name and Address of Institution</i>	<i>Telephone</i>	<i>Name of Authority owning Institution</i>	<i>No. of beds provided for H.M.C.</i>
Northgate Lodge, Pontefract, Yorks. (1)	Pontefract 42	West Riding County Council	264

9. Wakefield (A) Hospital Management Committee

Secretary: W. READ, F.H.A., F.C.I.S.,
Clayton Hpl.

Finance Officer : E. WISEMAN, A.C.I.S.,
Clayton Hpl.

Chairman: E. C. STONEHOUSE, J.P.,
306, Barnsley Road,
Wakefield, Yorks

Supplies Officer : J. H. BURROW, F.H.A.,
- Clayton Hpl.

Engineer : D. H. COOKE, I.H.E.,
Clayton Hpl.

[illegible]

9. Wakefield (A) Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Wakefield Maternity Hpl. (Manygates), Manygates Park, Barnsley Road, Wakefield, Yorks.	Wakefield 5236	W. Read, F.H.A., F.C.I.S. Miss K. Perkins, S.R.N., S.C.M.		32							3	35		n, p, u
Oulton Hall Mental Deficiency Hpl., Oulton, Woodlesford, Nr. Leeds.	Rothwell 2216	K. S. Garton, A.H.A. Dr. H. J. O'Loughlin, M.B., CH.B. (Med. Supt.) Miss E. Florence, R.M.P.A.							307			307		g, m, n, x
Cardigan Sanatorium, Carr Gate, Nr. Wakefield, Yorks.														closed
Wakefield Snapethorpe Hpl., Broadway, Wakefield, Yorks.	Wakefield 3266	W. Read, F.H.A., F.C.I.S. Miss C. Bell, S.R.N., R.F.N.				81	16					97		j, n, u
Carr Gate Infectious Diseases Hpl., Carr Gate, Nr. Wakefield, Yorks.	Lofthouse Gate 7060	W. Read, F.H.A., F.C.I.S. Miss S. K. Hardy, S.R.N., R.F.N., S.C.M.				64						64		n
Hatfield Hall Hpl., Hatfield Hall, Stanley, Nr. Wakefield, Yorks.	Lofthouse Gate 7325	K. S. Garton, A.H.A. H. J. O'Loughlin, M.B., CH.B. (Med. Supt.) Miss E. Florence, R.M.P.A.							54			54		m, n, x
Sandal Grange Hpl., Sandal, Wakefield, Yorks.	Wakefield 5403	W. Read, F.H.A., F.C.I.S. Miss K. M. Gloyne, S.R.N., S.C.M.			37							37		n
Stoneville Certified Institution, 112, York Street, Wakefield, Yorks.	Wakefield 2321	K. S. Garton, A.H.A. H. J. O'Loughlin, M.B., CH.B. (Med. Supt.) Miss E. Florence, R.M.P.A.							18			18		m, n, x
The Clinic, Almsouse Lane, Wakefield, Yorks.	Wakefield 3519	W. Read, F.H.A., F.C.I.S.												u
TOTAL BED COMPLEMENT			294	80	64	145	28		379		11	1001		

13. Huddersfield Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	No'es
V.D. Clinic (1), Huddersfield Royal Inf., Huddersfield, Yorks.	Huddersfield 2866	A. H. Binns, A.H.A.												
T.B. Dispensary (4), Peel Street, Huddersfield, Yorks.	Huddersfield 3641	K. Holmes												
TOTAL BED COMPLEMENT			284 27	117	511 72	115 104	107		22	28	19	1203 203	12	

SUB-GROUPING

(1) House Sub-Committee No. 1 Sub-Group ... Senior Administrative Officer:—A. H. BINNS, A.H.A., Royal Inf.
(2) House Sub-Committee No. 2 Sub-Group ... Senior Administrative Officer:—G. McDONALD, A.H.A., St. Luke's Hpl.
(3) House Sub-Committee No. 3 Sub-Group ... Senior Administrative Officer:—D. S. PUGH, Deanhouse Hpl.
(4) House Sub-Committee No. 4 Sub-Group ... Senior Administrative Officer:—K. HOLMES, Mill Hill Isolation Hpl.

14. Halifax Hospital Management Committee

<i>Secretary : R. W. RANSON, A.H.A., F.C.I.S.,</i> Royal Halifax Inf.			<i>Chairman : H. DENHAM,</i> The Gables, Linden Road, Halifax, Yorks			<i>Supplies Officer : J. A. HEWITT,</i> Royal Halifax Inf.			<i>Engineer : D. WILLIAMS, A.M.I.M.E., M.I.H.E.,</i> Royal Halifax Inf.		
Royal Halifax Inf., Free School Lane, Halifax, Yorks.	Halifax 60234	R. W. Ranson, A.H.A., F.C.I.S. Miss E. Kinch, S.R.N., S.C.M.	226	36					21	283	<i>a, d, l, n, o, r, t, u</i>
Warley House, Warley, Nr. Halifax, Yorks.	Sowerby Bridge 81427	R. W. Ranson, A.H.A., F.C.I.S.									Conversion to Hpl. (20 beds) proceeding
Halifax General Hpl., Salterhebble, Halifax, Yorks.	Halifax 5816	A. Wheeldon, F.H.A. H. I. Deitch, M.S., F.R.C.S. (Med. Supt.) Miss W. L. J. Garner, S.R.N., S.C.M., D.N.	217	86	103				19	425	<i>a, d, l, n, o, r, t, v</i>
St. John's Hpl., Halifax, Yorks.	Halifax 3797	W. Weeks, A.H.A. Mrs. E. R. Lewis, S.R.N., S.C.M.		400						400	<i>n, t, z</i>
Stansfield View Hpl., Todmorden, Yorks.	Todmorden 120	W. A. Hancock Mrs. J. Hancock					145			145	<i>n, x, y</i>
Halifax Sanatorium, Green Lane, Shelf, Nr. Bradford, Yorks.	Low Moor 788	J. Rayner W. Smith, M.B., CH.B. (Hons.), M.Sc. (Hons.) (Med. Supt.) Miss M. F. McCafferty, S.R.N.				62				62	<i>l, n,</i>

14. Halifax Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Halifax Isolation Hpl., Northowram, Halifax, Yorks.	Halifax 69414	J. Rayner Miss R. E. Stubbs, S.R.N.				96						96		j, l, n
Fielden Hpl., Todmorden, Yorks.	Todmorden 200	Miss J. Brew-Hunter, S.R.N. (Matron)	56									56		n
Southall Smallpox Hpl., Todmorden, Yorks.	Todmorden 35					20						20		
T. B. Dispensary, Clare Road, Halifax, Yorks.	Halifax 3503	W. Smith, M.B., CH.B. (Hons.), M.Sc. (Hons.) (Med. Supt.)												
T.B. Dispensary, Hall Street, Todmorden, Yorks.	Todmorden 96	B. Mann, B.Sc., M.D., D.P.H. (Med. Supt.)												
T.B. Dispensary, Greenups Terrace, Sowerby Bridge, Yorks.	Sowerby Bridge 81221	B. Mann, B.Sc., M.D., D.P.H. (Med. Supt.)												
		TOTAL BED COMPLEMENT	499	122	503	116	62	145			40	1487	12	

15. Bradford (A) Hospital Management Committee

Secretary : H. TRUSSON, F.H.A., F.C.I.S.,
Bradford Royal Inf.

Finance Officer : A. S. GROVES, A.C.A.,
Bradford Royal Inf.

Chairman : W. A. ALLAN, L.D.S., D.D.S.,
Fairfield, Baildon,
Yorks.

Supplies Officer : W. D. JOSLIN, A.H.A.,
St. Luke's Hpl.
Tel : Bradford 28975

Engineer : J. W. BRODIE, M.INST.B.E.,
St. Luke's Hpl.
Tel : Bradford 28976

Bradford Royal Inf., Duckworth Lane, Bradford, Yorks.	Bradford 41321	H. Trusson, F.H.A., F.C.I.S. Miss A. E. Merry, S.R.N., S.C.M.	369								70	439		a, d, l, s, t, u, v
Woodlands Convalescent Home & Hpl., Rawdon, Nr. Leeds, Yorks.	Rawdon 11	H. Trusson, F.H.A., F.C.I.S. Miss D. I. Garraway, S.R.N., S.C.M.								91*		91		*Convalescent
Regional Radium Institute, Duckworth Lane, Bradford, Yorks.	Bradford 41321	H. Trusson, F.H.A., F.C.I.S. F. E. Chester-Williams, M.R.C.S., L.R.C.P., F.F.R. (Med. Director) Miss A. E. Merry, S.R.N., S.C.M.	47								9	56		u
St. Luke's Hpl., Little Horton Lane, Bradford, Yorks.	Bradford 27704	R. W. Hampshire, A.H.A., A.C.I.S. I. D. Campbell, M.B., CH.B. (Med. Supt.) Miss O. E. Copeland, S.R.N., S.C.M., D.N.	558 21	123 20	247							928 41		a, d, l, m, o, t, u, v

16. Bradford (B) Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total
Leeds Road Hpl., Bradford, Yorks.	Bradford 27125	R. B. Turner, A.H.A. H. L. Whitchurch Beach, M.B., B.S., D.P.H. (Med. Supt.) Miss M. King, S.R.N., R.F.N., S.C.M., R.M.N.				250							250	j, l, m, n
Thornton Hpl., Thornton, Bradford, Yorks.	Thornton 2159	R. B. Turner, A.H.A. H. L. Whitchurch Beach, M.B., B.S., D.P.H. (Med. Supt.) Miss M. King, S.R.N., R.F.N., S.C.M., R.M.N.				40							40	
Stoney Ridge Hpl., Shipley, Nr. Bradford, Yorks.	Bradford 42156					30							30	
Westwood Hpl., Cooper Lane, Bradford, Yorks.	Queensbury 2343	A. Cave Miss K. Ackroyd, R.M.P.A.							350				350	n, x
Lynfield Mount, Daisy Hill, Bradford, Yorks.	Bradford 42535	A. Cave G. E. Brompton, R.M.N. (Chief Male Nurse)								101			101	n, z
Northern View, 20, Rooley Avenue, Bradford, Yorks.	Bradford 29130	A. Cave Miss E. Dickinson, R.M.N. (Sister-in- charge)								92			92	n, z
Ashfield House, Thornton, Bradford, Yorks.	Thornton 3133	A. Cave Miss K. Ackroyd, R.M.P.A.										26	26	n, x
TOTAL BED COMPLEMENT					76	334	44	193	376				1023	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institutions	No. of Beds provided for H.M.C.
Thornton View, Clayton, Yorks.	Queensbury 2120	West Riding of Yorkshire C.C.	236
The Park, Rooley Lane, Bradford	Bradford 24536	Bradford Corporation	140

17. Bingley, Keighley, Skipton and Settle Hospital Management Committee

Secretary : J. YOUNG, F.H.A.,
St. John's Hpl.
Finance Officer : C. LAWSON, F.H.A.,
St. John's Hpl.

Chairman : F. PAGET,
71, Belgrave Road, Keighley, Yorks
Supplies Officer : J. C. WHITTINGHAM, A.H.A.,
St. John's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Keighley & District Victoria Hpl., Highfield Lane, Keighley, Yorks	Keighley 3708-9	E. W. Turner, A.H.A. Miss D. E. Smeeton	110 19	4		4					9	127 19	6	a (Complete school with Bingley Hpl.), l, n
Skipton General Hpl. (1), Keighley Road, Skipton, Yorks	Skipton 244	A. Walker, F.H.A. Miss A. Leach	54	8							2	64	5	n
Bingley Hpl., Bingley, Yorks	Bingley 114	Mrs. M. Longbottom Miss H. M. Bard	68	1							4	73	4	a (Complete school with Keighley & District Victoria Hpl.), l, n
St. John's Hpl., Fell Lane, Keighley, Yorks	Keighley 3248	S. G. Labram Dr. N. J. S. Nathan (Med. Supt.) Miss O. Chester		25 5	230 92							255 97		n
Barnoldswick Isolation Hpl., Barnoldswick, via Colne, Lancs	Barnoldswick 35	M. Schapira, M.D. (Med. Supt.) Miss F. Z. Potter				closed as hpl.,	future	use to be deter	mined			104		n
Morton Banks Isolation Hpl., Morton Banks, Keighley, Yorks	Keighley 2062					104								
Sedbergh Isolation Hpl., Sedbergh, Yorks	Sedbergh 17					closed as hpl.,	future	use to be deter	mined					
Harden Bridge Isolation Hpl., Harden Bridge, Austwick, via Lancaster	Clapham. 209	D. A. Tait, L.M.S.S.A. (Lond.) (Med. Supt.) Miss E. Beesley				20						20		
Skipton Maternity Hpl. (1), Skipton, Yorks	Skipton 52	A. Walker, F.H.A. Miss W. Blakey		10								10		n
Raikeswood Hpl. (1), Skipton, Yorks	Skipton 364	A. Walker, F.H.A. J. P. Watson, M.B., CH.B., D.R.C.O.G. (Med. Supt.) Mrs. A. Walker			179 3							179 3		n
Castleberg Hpl., Giggleswick, Settle, Yorks	Settle 3115	L. G. Hill D. B. Hyslop, M.B., B.S., M.R.C.S., L.R.C.P. (Med. Supt.) Mrs. L. G. Hill						120				120		m, x, y

17. Bingley, Keighley, Skipton and Settle Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes		
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.	
T.B. Dispensary, 2, Manchester Road, Barnoldswick, Yorks	—	W. Hamilton, M.D., D.P.H. (Med. Supt.)													
T.B. Dispensary, c/o Mr. Batty, Settle, Yorks	—	W. Hamilton, M.D., D.P.H. (Med. Supt.)													
T.B. Dispensary, 54, Keighley Road, Skipton, Yorks	Skipton 31	W. Hamilton, M.D., D.P.H. (Med. Supt.)													
T.B. Dispensary, 143, Skipton Road, Keighley, Yorks	Keighley 3625	B. T. Mann, M.D., D.P.H. (Med. Supt.)													
T.B. Dispensary, Far Royd, Otley Road, Shipley, Yorks	Shipley 51323	B. T. Mann, M.D., D.P.H. (Med. Supt.)													
TOTAL BED COMPLEMENT			232	48	409	128				120		15	952	15	
			19	5	95								119		

SUB-GROUPING

(1) Forming part of Sub-Group Senior Administrative Officer : A. WALKER, Raikeswood Hpl.

18. Menston Group Hospital Management Committee

Secretary and Supplies Officer: C. C. MORGAN, F.H.A.,
Menston Mental Hpl.
Finance Officer : M. WHEELER, A.S.A.A.,
Menston Mental Hpl.

Chairman : Alderman Mrs. L. HAMMOND,
11, Gledhow Park Grove, Leeds, Yorks

Engineer : P. MASSEY,
Menston Mental Hpl.

Menston Mental Hpl., Menston, Nr. Leeds, Yorks	Menston 12	C. C. Morgan, F.H.A. I. Sutton, M.D., B.SC., M.R.C.S., D.P.M. (Med. Supt.) Miss A. I. Charters, S.R.N., S.C.M., R.M.N.	2510 44					2510 44				f, l, m, n, v, w
Highroyds Hpl., Menston, Nr. Leeds, Yorks	Menston 12	C. C. Morgan, F.H.A. I. Sutton, M.D., B.SC., M.R.C.S., D.P.M. (Med. Supt.) Miss A. I. Charters, S.R.N., S.C.M., R.M.N.		126				126				
TOTAL BED COMPLEMENT						126		2510 44				2636 44

19. Ilkley and Otley Hospital Management Committee

Secretary and Supplies Officer : E. W. BEST, F.H.A.,
Wharfedale Hpl.
Tel. : Menston 300

Finance Officer : G. COLEMAN, A.H.A., A.S.A.A.,
Wharfedale Hpl.
Tel. : Menston 300

Chairman : County Alderman H. J. BAMBRIDGE, O.B.E., J.P.,
Royston, 290, Bradford Road, Otley, Yorks

Engineer : (vacant)

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Coronation Hpl., Springs Lane, Ilkley, Yorks	Ilkley 73	Miss K. Andrew Miss A. Langdon, S.R.N., S.C.M., R.F.N.	21								5	26		n, u	
			115 45	20 20	40								135 105		l, n, u
General Hpl., Newall Carr Road, Otley, Yorks	Otley 2354	W. Padley Vann, F.H.A. J. Norman Hill, M.B., CH.B., D.P.H. (Med. Supt.) Miss W. M. Durigen, S.R.N., S.C.M.													
Wharfedale Hpl., Burley Road, Menston, Nr. Leeds, Yorks	Menston 3	R. T. Rushton, M.B., CH.R., M.R.C.S., L.R.C.P., D.P.H. (Med. Supt.) Miss M. Reid Brown, S.R.N., S.C.M., R.F.N.				85 9						85 9		k, n	
Convalescent Hpl., The Grove, Ilkley, Yorks	Ilkley 280	Miss K. Andrew Miss W. Margetts, S.R.N., S.C.M.											82 8		n. *Convalescent
Scalebor Park, Moor Lane, Burley-in-Wharfedale, Yorks	Burley-in- Wharfedale 2118	R. A. Sadler, F.H.A. J. Valentine, M.B., CH.B., D.P.M. (Med. Supt.) Miss F. M. Smith, S.R.N., S.C.M., R.M.N., R.M.P.A.						231				58	289		f, m, n, u, v, w
TOTAL BED COMPLEMENT			136 45	20 20	40	85 9		231		82 8	63	617 122			

21. Leeds (A) Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Cookridge Hpl., Cookridge, Leeds, Yorks	Leeds 73422	J. Folkard, F.H.A. W. McIntosh, M.B., CH.B. (Med. Supt.) Miss E. Jackson, S.R.N., S.C.M.			78					23*		101		n, t. *Convalescent
Leeds Jewish Herzl Moser Hpl., Leopold Street, Leeds, 7, Yorks	Leeds 44689	J. Folkard W. McIntosh, M.B., CH.B. (Med. Supt.) Mrs. A. Robinson, S.R.N.	30								2	32		n,
St. Mary's Hpl., Greenhill Road, Leeds, 12, Yorks	Leeds 38771	J. Folkard W. McIntosh, M.B., CH.E. (Med. Supt.) Miss J. J. E. Gordon, S.R.N., S.C.M.		106	107							213		n, o, t
TOTAL BED COMPLEMENT			680 241	164 16	501 164					23	2	1626 421		

SUB-GROUPING

(1) St. James's Hospital Sub-Group Senior Administrative Officer : J. FOLKARD, St. James's Hpl.

22. Leeds Group (B) Hospital Management Committee

Secretary : S. C. EDWARDS,
Seacroft Hpl.
Tel. : Leeds 45098/9

Finance Officer : W. S. PULLAN, A.S.A.A.,
62, Victoria Gardens, Horsforth, Leeds
Tel. : Horsforth 2804

Chairman : J. JOHNSTONE JERVIS, M.D., D.P.H.,
" Keldholme," 15, Wood Lane,
Leeds, 6, Yorks

Supplies Officer : F. LORD, F.H.A.,
27, Parkside Road, Meanwood, Leeds, 6

St. George's Hpl., Wood Lane, Rothwell Nr. Leeds, Yorks	Rothwell 2211-2	K. Fletcher Miss O. M. Copeland	243 36	30	273 36									l, n, t
Marguerite Hepton Memorial Ortho- paedic Hpl., Thorp Arch, Yorks	Boston Spa 2292-3	E. Young, B.E.M. Miss M. E. Downs		85	85									n, t
Killingbeck Hpl., York Road, Leeds, Yorks	Leeds 45171	W. S. Gilmour, O.B.E., M.B., CH.B. (Med. Supt.) Miss R. M. Garner		207 20	207 20							207 20		c, s, n, t-

22. Leeds Group (B) Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes		
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.			
T.B. Medical Centre, 95, Town Street, NORSFORTH, Nr. Leeds, Yorks		W. D. Hamilton, M.B., CH.B., B.A.O., D.O.N.S. (T.B. Officer)													t, u	
Rothwell Tuberculosis Dispensary Isolation Hpl., Oulton Lane, Rothwell, Nr. Leeds, Yorks	Rothwell 2228	—														i, u
TOTAL BED COMPLEMENT					243 36	102 436	420 56		621 210	30 20		1,416 758				

23. Harrogate and Ripon Hospital Management Committee

Secretary : F. M. HAUGHTON, F.H.A., A.C.A.,
Harrogate and District General Hpl.

Chairman : Major J. C. HUNTER, M.C.,
Crimple Brow, Pannal, Harrogate, Yorks

Finance Officer : I. G. BOON, A.I.M.T.A.,
Harrogate and District General Hpl.

Engineer : C. W. PETERS,
Harrogate and District General Hpl.

Harrogate and District Hpl. (1), Knarborough Road, Harrogate, Yorks	Harrogate 83221	H. C. Goss, A.H.A. Miss P. M. Thompson, D.N.	221	32								253		a, d, n, o, u, v
Ripon and District Hpl. and Maternity Institution (3), Firby Lane, Ripon, Yorks	Ripon 146	R. Langstaff Miss D. Atkinson (Hpl.) Miss H. Tynan (Maternity Home)	27	6							8	41		n, u
Royal Bath Hpl. and Rawson Convalescent Home (2), Cornwall Road, Harrogate, Yorks	Harrogate 4395	A. E. Sutherland Miss M. N. Gopley	139									139		n, u
Yorkshire Home for Chronic and Incurable Diseases (2), Cornwall Road, Harrogate, Yorks	Harrogate 2658	A. E. Sutherland Miss A. W. Wake			52 18							52 18		n
Heatherdene Convalescent Home (1), Wetherby Lane, Harrogate, Yorks	Harrogate 83513	H. C. Goss, A.H.A. Miss J. J. Whinn								40*		40		n. *Convalescent
Durham County Hpl. Convalescent Home (2), Cornwall Road, Harrogate, Yorks	Harrogate 4508	A. E. Sutherland Miss M. Wellburn								22*		22		
Mowbray Grange Sanatorium (3), Bedale, Yorks	Bedale 95	R. Langstaff Miss E. Burgess					17 10					17 10		

23. Harrogate and Ripon Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Thornton Lodge Sanatorium (3), Thornton Rust, Aysgarth, Yorks	Aysgarth 244	R. Langstaff Miss O. W. Coates					21 19					21 19		n
Scotton Banks Sanatorium, Knaresborough, Yorks	Knaresborough 2273	R. M. Soar V. Ryan, M.D., D.P.H., B.A.O. (Med. Supt.) Miss N. Smith					222 78					222 78		n, u
Masham Isolation Hpl., Masham, Yorks		—												not in use
Ripon Infectious Diseases Hpl. (3), Princess Road, Ripon, Yorks	Ripon 271	R. Langstaff Miss M. Langton				18 20						18 20		
Harrogate and District Infectious Diseases Hpl. (1), Thistle Hill, Knaresborough, Yorks	Knaresborough 2106	H. C. Goss, A.H.A. Miss E. B. Shackleton				54						54		n
Knaresborough Hpl., Stockwell Road, Knaresborough, Yorks	Knaresborough 3135	J. E. Alexander Mrs. P. Alexander			112 13							112 13		n
Wetherby Mental Hpl., 2, Linton Road, Wetherby, Yorks	Wetherby 5	G. O. Popkins Miss C. Booth							72			72		x, y
T.B. Dispensary, 10, North Park Road, Harrogate, Yorks	Harrogate 5339	R. M. Soar												u
T.B. Dispensary, College Road, Ripon, Yorks		R. M. Soar												u
Carlton Lodge Maternity Home (1), Leeds Road, Harrogate, Yorks	Harrogate 81604	H. C. Goss, A.H.A. Miss M. R. Dennis									11	11		n
TOTAL BED COMPLEMENT			387	38	164 31	72 20	260 107		72	62	19	1,074 158		

SUB-GROUPING

(1) No. 1 House Committee Sub-Group	...	...	...	...	...	Senior Administrative Officer : H. C. Goss, Harrogate and District General Hpl.
(2) No. 2 House Committee Sub-Group	...	...	...	...	...	Senior Administrative Officer : A. E. SUTHERLAND, Royal Bath Hpl.
(3) No. 3 House Committee Sub-Group	...	...	...	...	...	Senior Administrative Officer : R. LANGSTAFF, Ripon and District Hpl.

SHEFFIELD REGION

Area : The administrative counties of Derby (except the part included in the Manchester Regional Hospital Area), Leicester, Lincoln, parts of Holland, Lincoln, parts of Kesteven (except the part included in the East Anglian Regional Hospital Area), Lincoln, parts of Lindsey, Nottingham and Rutland (except the rural district of Ketton). The county boroughs of Barnsley, Derby, Doncaster, Grimsby, Leicester, Lincoln, Nottingham, Rotherham and Sheffield.

So much of the administrative county of the West Riding of York as comprises the urban districts of Adwick-le-Street, Bentley with Arksey, Conisbrough, Cudworth, Darfield, Darton, Dearne, Dodworth, Hoyland Nether, Maltby, Mexborough, Penistone, Rawmarsh, Royston, Stocksbridge, Swinton, Tickhill, Wath-upon-Deane, Wombwell and Worsborough; and the rural districts of Doncaster, Kiveton Park, Penistone, Rotherham, Thorne and Wortley.

Population : 4,000,474.

Regional Hospital Board

Address : Fulwood House, Old Fulwood Road, Sheffield, 10

Telephone : Sheffield 32937/9

Chairman of Board : Sir Basil Gibson, J.P. (b)

Other Members : (a) Alderman E. A. Armstrong, Alderman C. F. Bowmer, J.P., J. W. Brown, Councillor Mrs. O. Deer, A. W. Harrison, W. E. Jones, Dr. J. G. McCrie, The Rt. Hon. Lord Quibell, J.P., Alderman E. Sheerien, J.P., Miss A. Wetherell, S.R.N.; (b) Miss M. G. Bott, R. E. Dewberry, K. K. Drury, M.C., J. P. W. Jamie, M.C., A. R. Martin, T. Pearson, Prof. G. L. Roberts, E. W. Scorer, O.B.E., Alderman R. Shaw, J.P., Alderman W. E. Yorke, J.P.; (c) Alderman W. Bayliss, J.P., M. Brown, Mrs. G. Buxton, J.P., E. F. Finch, H. Ford, J. L. A. Grout, M.C., W. B. Jarvis, Lieut.-Col. N. G. Pearson, D.S.O., M.C., G. H. Round, J.P., A. B. Slack, M.C.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

L. W. FAULKNER, F.H.A.

Treasurer :

J. EVERINGHAM, A.H.A., A.C.A.

Architect :

W. P. RYLATT, A.R.I.B.A., A.R.I.C.S.

Senior Admin. Medical Officer :

W. A. RAMSAY, T.D., M.A., M.D.

Psychiatrist :

F. J. S. ESHER, M.B., CH.B., D.P.M.,
M.R.C.S.(ENG.), L.R.C.P.(LOND.)

Deputy Admin. Medical Officer :

W. E. ORCHARD, M.D., D.P.H.

Assistant Admin. Medical Officer :

D. L. MURRAY, M.B., CH.B., D.P.H.

Nursing Officer :

MISS G. LANG-DAVIS, S.R.N., S.C.M.

Teaching Hospital within Region : The United Sheffield Hospitals

2. Boston Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
London Road Hpl., London Road, Boston, Lincs	Boston 2889	F. Aubin Miss A. E. Hardy	81								2	83	4	n
		Johnson Hpl., Priory Road, Spalding, Lincs	39								1	40		n
Myntling Home, Pinchbeck Road, Spalding, Lincs	Spalding 3064	Mrs. J. I. King (Matron)			217							217		aa, n
		Skegness Convalescent Home for Women, Carey House, Skegness, Lincs							70			70		n
Skegness Convalescent Home for Men, Seeley House, Skegness, Lincs	Skegness 44	A. Dearden, A.H.A. Miss F. H. Foran							81			81		n
		Skegness and District Hpl., Dorothy Avenue, Skegness, Lincs	23	6						3	32	2	aa, n	closed
Skegness Infectious Diseases Hpl., Wainfleet Road, Skegness, Lincs														
Woodlands Court Institution, London Road, Kirton Nr. Boston, Lincs	Kirton 270	F. P. Egerton Mrs. J. P. Egerton			54							54		n
Wyberton West Hpl., Wyberton West Road, Boston, Lincs	Boston 2947	B. A. Barton Miss A. McDermott	18 16	21			6					45 16		n, y, z
TOTAL BED COMPLEMENT			305 36	50	345	12 50	6		151	14	883 86	12		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

<i>Name and Address of Institution</i>	<i>Telephone</i>	<i>Name of Authority owning Institution</i>	<i>No. of Beds provided for H.M.C.</i>
Stukeley Hall, Holbeach, Lincs.	Holbeach 3104	Holland County Council	under consideration
St. John's House, 35, Skirbeck Road, Boston, Lincs.	Boston 2082	Holland County Council	under consideration

3. Chesterfield Hospital Management Committee

Secretary : M. H. BOONE, F.H.A., F.F.C.S.,
Chesterfield and North Derbyshire Royal Hpl.

Finance Officer : W. HUSBAND, A.H.A.,
13, Sheffield Road, Chesterfield, Derbyshire
Tel. : Chesterfield 2904

Supplies Officer : A. BABISTER,
13, Sheffield Road, Chesterfield, Derbyshire
Tel. : Chesterfield 2904

Engineer : (n.y.a.)

Chairman : T. PEARSON, J.P.,
The Red House, Stonegravels,
Chesterfield, Derbyshire

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Ashgate Maternity Home, Ashgate, Chesterfield, Derbyshire	Chesterfield 6429	Miss J. Berry, S.R.N. (Matron)		24								24		m, n
Chesterfield and North Derbyshire Royal Hpl., Holywell Street, Chesterfield, Derbyshire	Chesterfield 3261	G. A. Johns, A.H.A., F.S.C. Miss A. Maclean, S.R.N., S.C.M.	253						21			274	2	a, d, l, n, r, t, u, v
Ashgate Annexe, Ashgate, Chesterfield, Derbyshire	Chesterfield 6452	G. A. Johns, A.H.A., F.S.C. Miss A. Maclean, S.R.N., S.C.M.	33									33		l, n, t
Abercrombie Annexe, Abercrombie Street, Chesterfield, Derbyshire	Chesterfield 2967	G. A. Johns, A.H.A., F.S.C. Miss A. Maclean, S.R.N., S.C.M.								13		13		n
Rehabilitation Centre, Ashgate, Chesterfield, Derbyshire	Chesterfield 6452	G. A. Johns, A.H.A., F.S.C. Miss A. Maclean, S.R.N., S.C.M.												
Chesterfield Maternity Home, Holywell Street, Chesterfield, Derbyshire	Chesterfield 3261; ext. 32	Miss G. Hughes, S.R.N. (Matron)		24 12								24 12		l, m, n, p
Langwith Infectious Diseases Hpl., Upper Langwith, Nr. Mansfield, Notts	Shirebrook 225	Miss E. J. Buchanan, S.R.N. (Matron)				8 28						8 28		m, n
Mastin Moor Infectious Diseases Hpl., Mastin Moor, Nr. Chesterfield, Derbyshire	Staveley 7283	Miss M. L. S. Wilson, S.R.N. (Matron)				1 30						1 30		m, n
Morton Infectious Diseases Hpl., Morton, Derbyshire	Clay Cross 2141	Miss E. M. Evans, S.R.N. (Matron)				26 40						26 40		m, n
Penmore Hpl., Hasland Road, Chesterfield, Derbyshire														Closed
Scarsdale Hpl., Newbold Road, Chesterfield, Derbyshire	Chesterfield 2082 (Office) 2941 (Hpl.)	B. Ogden, A.H.A. Miss M. Grieve, S.R.N., S.C.M.		50	176	11		125	257*			619		b, n. *Part III accommodation.

3. Chesterfield Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Walton Sanatorium, Whitecotes Lane, Chesterfield, Derbyshire	Chesterfield 2771	R. Naylor J. P. Parkinson, M.B., B.S. (Med. Supt.) Miss M. P. Thomas, S.R.N.					123 14						123 14		m, n
									402				402		g, n, x
Whittington Hall Hpl., Old Whittington, Chesterfield, Derbyshire	Chesterfield 5515	F. W. Furniss, M.A., M.R., B.S., L.R.C.P. (Med. Supt.) Miss E. M. Coupland, S.R.N.													
			286	98 12	176	46 98	123 14	125	402	278	13	1,547 124	2		
		TOTAL BED COMPLEMENT													

4. Derby Area No. 1 Hospital Management Committee

<i>Secretary :</i> K. SUMNER, F.H.A., A.C.A., Babington Buildings, Babington Lane, Derby. <i>Tel. :</i> Derby 47013		<i>Chairman :</i> Alderman E. A. ARMSTRONG, Brybourne, 1049, London Road, Derby		<i>Supplies Officer :</i> W. BAGSHAW, Babington Buildings, Babington Lane, Derby.					
<i>Finance Officer :</i> W. C. HULIN, A.S.A.A., A.I.M.T.A., Babington Buildings, Babington Lane, Derby.		<i>Engineer :</i> B. G. MASTERS, Derbyshire Royal Inf.							
Ashbourne Maternity Home, Green Road, Ashbourne, Derby	Ashbourne 102	Miss E. Counter, S.R.N., S.C.M. (Matron)	9			1	10		n
Bretby Hall Orthopaedic Hpl., Nr. Burton-on-Trent	Burton-on- Trent 2644	H. R. W. Lunt, M.B., M.CH. ORTH. (Med. Supt.) Miss F. M. Hyett, S.R.N., S.C.M.	22 28	53 44			75 72		c, e, n, u
Darley Hall Maternity Home, Darley Dale, Derbyshire	Darley Dale 176	B. G. Anscombe, M.B., B.CH., D.R.C.O.G. (Med. Supt.) Miss M. Murphy, S.R.N., S.C.M.	20 8				20 8		
Derbyshire Royal Inf., London Road, Derby	Derby 44255	J. W. Owen, A.H.A. Miss G. Charlton, S.R.N., S.C.M.	305 77			34	339 77		a, d, l, n, s, u, v
Derbyshire Women's Hpl., Friar Gate, Derby	Derby 45401	F. T. Wilton, F.H.A., F.C.C.S. Miss L. Pettitt, S.R.N., S.C.M.	48			3	63	4	c, l, n, u
Derbyshire Hpl. for Sick Children, North Street, Derby	Derby 45841	F. T. Wilton F.H.A., F.C.C.S. Miss A. M. Martin, S.R.N.	74			10*	84	3	h, l, n, t. * Conva- lescent.

4. Derby Area No. 1 Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Derby City Hpl., Uttoxeter New Road, Derby	Derby 3261	J. E. Stamp, F.H.A. R. G. Cooke, M.D., M.R.C.S., L.R.C.P., D.R.C.O.G. (Med. Supt.) G. E. Cooper, S.R.N., S.C.M., T.A.	204	71								275		a, d, l, n, o, u
			20	17									37	
Manor Hpl., Uttoxeter New Road, Derby	Derby 44662	D. D. A. Whelan Miss M. McAlister, S.R.N., S.C.M., R.M.N.							686†			686		n, x, y, z. † Includes sick beds, Part III accommodation, Re- ception centre. Exact allocation un- der consideration.
Etwall Rehabilitation Centre, Etwall, Derbyshire	Etwall 5	F. Bailey, M.B.E. Miss G. Charlton, S.R.N., S.C.M.							12*			12		
Holbrook Maternity Home, Holbrook, Derbyshire	Horsley 319	Miss E. T. Rook, S.R.N., S.C.M. (Matron)		20								20		
				4								4		
Nightingale Maternity Home, London Road, Derby	Derby 44433	J. Cobb Miss D. R. Doncaster, S.R.N., S.C.M.		25							5	30	3	p
Queen Mary Maternity Home, Duffield Road, Derby	Derby 44643	J. Cobb Miss D. R. Doncaster, S.R.N., S.C.M.		16							15	31		
				5								5		
TOTAL BED COMPLEMENT			653	173			53				708	58	1,645	10
			125	34			44						203	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
The Grove, Shardlow, Nr. Derby	Shardlow 210	Derbyshire County Council	102
Stone House, Ashbourne, Derbyshire	Ashbourne 112	Derbyshire County Council	27

5. Derby No. 2 Hospital Management Committee

Secretary and Finance Officer : H. A. WHITE, F.H.A., F.C.C.S.,
Babington House, Belper, Derby.
Tel. : Belper 323

Chairman : Major H. DOUGLAS, J.P.,
Babington House, Belper, Derby

Supplies Officer : J. E. Stamp, F.H.A.,
Babington House, Belper, Derby

Engineer : G. H. KELLY,
Babington House, Belper, Derby.
Tel. : 323

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Ashbourne Smallpox Hpl., Ashbourne, Derbyshire		A. Thomas	8	18	149									only opened during epidemic
Babington House Hpl., Belper, Derbyshire	Belper 14	R. Winter, A.H.A. Dr. R. C. Allen (Med. Supt.) Mrs. D. Winter	5		13				16			191 18		n, u, v, y, z
Belper Infectious Diseases Hpl., Belper, Derbyshire	Belper 13	Mrs. G. Willoughby Dr. R. C. Allen (Med. Supt.) Miss M. Fordham				8 75						8 75		n
Blakeley Smallpox Hpl., Etwalk, Nr. Burton-upon-Trent		H. A. White, F.H.A., F.C.C.S.												only opened during epidemic
Chest Centre, 93, Green Lane, Derby	Derby 2477 Ext. 65	H. G. Grace, M.B., CH.B. (Med. Supt.)												u
Derwent Hpl., Little Chester, Derby	Derby 2208	Dr. R. J. O. Taylor (Med. Supt.) Miss J. E. Schorer				64 35	88					152 35		j, l, n, u
Draycott Infectious Diseases Hpl., Draycott, Nr. Derby	Draycott 228	J. Spencer F. H. Lee, M.B., M.R.C.S. (Med. Supt.) Miss D. M. Botten				* 35 15						35 15		n
T.B. Dispensary, Long Eaton, Derby		G. Kingston, M.B., B.CH., M.R.C.S., D.P.H. (Med. Supt.)												u
Parwich Hpl., Parwich, Nr. Ashbourne, Derbyshire	Parwich 64	Miss J. Glenn Miss E. M. Whysall	47 13									47 13		m, n, u
Ripley and District Cottage Hpl., Ripley, Derbyshire	Ripley 54	M. Strange Mrs. A. Lumsdale	20								1	21		n, u
Smedley Memorial Hydropathic Hpl., Bank Road, Matlock, Derby	Matlock 366	Miss M. E. Webster H. Dickinson, M.D. (Med. Supt.) Miss H. Richards	18*									18		n, u. *Hydropathic

5. Derby No. 2 Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	Total
Whitworth Hpl., Derby Dale, Nr. Matlock, Derbyshire	Matlock 46	Miss M. E. Webster	19								1	20		n, u
		Miss M. G. Turner												
Wirksworth Cottage Hpl., Wirksworth, Derbyshire	Wirksworth 18	H. Bennett	7									7		n, u
		Miss K. Norris												
Victoria Memorial Cottage Hpl., Ashbourne, Derbyshire	Ashbourne 28	Miss A. E. Brown	15									15	2	n, u
		Miss J. Gillam												
TOTAL BED COMPLEMENT			134	18	149 13	107 125	88		16		2	514 156	2	
			18											

6. Derby No. 3 Hospital Management Committee

Chairman : Alderman F. Wilson,
"Shaftholme," Sleetmoor Lane,
Somercotes, Derbyshire

Engineer : J. J. Shorttle,
The Pastures Hpl.

Secretary, Finance Officer and Supplies Officer :
H. Dobson, F.H.A.,
The Pastures Hpl.

The Pastures Hpl.,
Mickleover, Derby

H. Dobson, F.H.A.
E. U. H. Pentreath, M.B., B.S.,
M.R.C.S., L.R.C.P., D.P.M. (Med.
Supt.)
Miss S. Everitt, S.R.N., S.C.M.,
S.R.M.N.

Derby
53921

f, m, n, v, w, z

TOTAL BED COMPLEMENT

7. Derby No. 4 Hospital Management Committee

Chairman : Alderman C. F. Bowmer,
Khan Yunis, 36, Dairyhouse Road, Derby

Engineer : W. P. Bloore,
Kingsway Hpl.

Secretary, Finance Officer and Supplies Officer :
W. J. Barre, F.H.A.,
Kingsway Hpl.

Kingsway Hpl.,
Kingsway, Derby

W. J. Barre, F.H.A.
Dr. W. J. Barbour, M.D., D.P.M.
(Med. Supt.)
Miss S. McGarvie

Derby
44393

Makeney House Institution,
Milford, Nr. Derby

W. J. Barre, F.H.A.
Miss B. Martin, (Matron-Supt.)

Duffield
2156

TOTAL BED COMPLEMENT

f, l, n, w, z

x

8. Doncaster Hospital Management Committee

Secretary : A. JONES, A.H.A.,
Doncaster Royal Inf.

Finance Officer : G. SIMPSON, A.S.A.A., A.I.M.T.A.,
St. Catherine's Institution

Chairman : Councillor H. FORD,
7, Woodhouse Road, Wheatley,
Doncaster, Yorks

Supplies Officer : C. P. RICHARDS, B.A., D.P.A., F.H.A., F.C.C.S.,
Doncaster Royal Inf. (Admin.)

Engineer : R. WRENNALL,
St. Catherine's Institution

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Conisborough Infectious Diseases Hpl., Crookhill Road, Conisborough, Yorks	Conisborough 41	Dr. W. J. Maclure (Med. Supt.) Miss E. Howarth				43 45						43 45		
Crookhill Hall Sanatorium, Conisborough, Yorks	Conisborough 44	Dr. E. Ratner (Med. Supt.) Miss M. Sweeting					41 13					41 13		
Crookhill Smallpox Hpl., Conisborough, Yorks	Conisborough 44	Dr. W. J. Maclure (Med. Supt.) Miss E. Howarth				60						60		
Doncaster Infectious Diseases Hpl. and Sanatorium, Tickhill Road, Doncaster, Yorks	Doncaster 53271	Dr. W. Lomax (Med. Supt.) Miss E. Howarth				28 41	42					70 41		j
Doncaster Smallpox Hpl., Weston Road, Doncaster, Yorks	Doncaster 53271	Dr. W. Lomax (Med. Supt.) Miss E. Howarth				24						24		
Doncaster Royal Inf. and Dispensary, Thorne Road, Doncaster, Yorks	Doncaster 2286	A. Jones, A.H.A. Miss J. J. M. Hunter	330									330		a, l, t, v
Fullerton Hpl., Denaby Main, Rotherham, Yorks	Conisborough 62	Miss D. Brighton (Matron)	41									41		
Hamilton Lodge Maternity Home, Carr House Road, Belle Vue, Doncaster, Yorks	Doncaster 2717	Miss B. Saxton (Matron)		14								14		
Springwell House Institution and Hamil- ton Annexe, Balby, Doncaster, Yorks	Doncaster 53261	C. W. Lambert, A.H.A. Mrs. C. W. Lambert		63	146			40				249		x, y, z
St. Catherine's Institution, Tickhill Road, Doncaster, Yorks	Doncaster 53345	E. Williams Dr. J. S. Allen (Med. Supt.) Miss E. Edis							527			527		g, n, x
T.B. Dispensary, Christ Church Road, Doncaster, Yorks														
T.B. Dispensary, Council Offices, Thorne, Yorks														
TOTAL BED COMPLEMENT			371	77	146	71 170	83 13	40	527			1,315 183		

9. Grantham Hospital Management Committee

Secretary : W. A. MARSHALL, F.H.A., A.C.I.S.,
Grantham and Kesteven General Hpl.

Chairman : Alderman R. LEE,
Manthorpe Lodge, Manthorpe Road,
Grantham, Lincs.

Finance Officer and Supplies Officer : Miss F. M. CUTTER,
Grantham and Kesteven General Hpl.

Engineer : R. J. CURRY,
Grantham and Kesteven General Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Grantham and Kesteven General Hpl., Manthorpe Road, Grantham, Lincs	Grantham 281, 500*	W. A. Marshall, F.H.A., A.C.I.S. Miss B. M. Langford, S.R.N., S.C.M.	82 12	11			4				8	105 12	5	a, l, n, u, v. * Number changes anticipated.
T.B. Clinic, 29, Westgate, Grantham, Lincs		W. A. Marshall, F.H.A., A.C.I.S. Miss B. M. Langford, S.R.N., S.C.M.												
V.D. Clinic, 29, Westgate, Grantham, Lincs		W. A. Marshall, F.H.A., A.C.I.S. Miss B. M. Langford, S.R.N., S.C.M.												
		TOTAL BED COMPLEMENT	82 12	11			4				8	105 12	5	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Hillview Hpl., Dysart Road, Grantham, Lincs.	Grantham 427	Kesteven County Council	97

10. Grimsby Hospital Management Committee

Secretary : H. B. COATES, M.B.E., F.H.A.,
13, Queen's Parade, Grimsby, Lincs.
Tel. : Grimsby 55457-9

Finance Officer : E. W. FRANCE, A.H.A., F.B.S.S.,
13, Queen's Parade, Grimsby, Lincs.

Chairman : M. G. SMITH, J.P.,
20, Bargate,
Grimsby, Lincs.

Supplies Officer : (n.y.a.)

Engineer : J. WALLACE CAMPBELL
13, Queen's Parade, Grimsby, Lincs.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Alford and District War Memorial Hpl., Alford, Lincs	Alford 20	Miss D. Morgan, S.R.N., S.C.M. (Matron)	13								2	15		n, u
Cleethorpes Maternity Home, Mill Road, Cleethorpes, Lincs	Cleethorpes 61461	Miss A. Jackson, S.R.N., S.C.M. (Matron)		28								28		n
Grimsby General Hpl., South Parade, Grimsby, Lincs	Grimsby 5051	H. Lamb, A.H.A. Miss E. F. Mason, S.R.N., S.C.M.	209								11	220		a, d, l, n, u, v
Grimsby General Hpl., Scarthoe Annexe, Grimsby, Lincs	Grimsby 77045			details	included under	Grimsby	by Gen eral H pl.							
Grimsby Isolation Hpl., Scarthoe, Grimsby, Lincs	Grimsby 7234	Miss L. Teggert, S.R.N. (Matron)				80	130					210		j, n
Grimsby Maternity Hpl., Second Avenue, Nunsthorpe, Grimsby, Lincs	Grimsby 7222	Miss M. L. Archer, S.R.N., S.C.M. (Matron)		44								44		p, u
Laceby Smallpox Hpl., Laceby, Lincs	Laceby 4	(administered by Grimsby General Hpl.)												opened when required
Louth and District Hpl., Crowtree Lane, Louth, Lincs	Louth 28	Miss F. M. Allen, S.R.N. (Matron)	46	13								59		n, u
Louth Inf., High Holme Road, Louth, Lincs	Louth 450	F. Marshall, F.H.A. N. J. Nicholson, F.R.C.S. (Med. Supt.) Miss M. Bicknell, S.R.N., S.C.M.	168	8	57						7	240		a, d, l, n, u
Osgodby Isolation Hpl., Osgodby, Lincs	Market Rasen 7	Mrs. F. J. F. Rhodes (Matron)				20						20		
Osgodby Smallpox Hpl., Osgodby, Lincs	—	Mrs. F. J. F. Rhodes (Matron)												opened when required
Scarthoe Road Inf., Scarthoe, Grimsby, Lincs	Grimsby 77122	F. R. Dewhurst, F.H.A. Mrs. Dewhurst	143		221			12	2			378		a, l, n, u, x, y, z

opened when required

a, d, l, n, u, v

n, u

n

a, d, l, n, u, v

j, n

p, u

opened when required

n, u

a, d, l, n, u

opened when required

a, l, n, u, x, y, z

12. Leicester No. 2 Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Melton and District War Memorial Hpl., Ankle Hill, Melton Mowbray, Leicester	Melton Mowbray 27	F. A. Brown Miss M. A. Hatcher								42	8	50	4	
Melton Mowbray Isolation Hpl., Melton Mowbray, Leics	Melton Mowbray 66	J. Baylis (Matron): Vacant				12 20						12 20		"
Melton Mowbray Inf., Thorpe Road, Melton Mowbray, Leics	Melton Mowbray 201, 548	E. Berry, F.H.A., F.C.C.S. Mrs. E. A. Wainwright	127 21	26								153 21		" , y , z
Oakham Inf., Oakham, Rutland	Oakham 55	O. J. Phillips Mrs. E. L. Phillips			53				13			66		x , y , z
Rutland War Memorial Hpl., Cold Overton Road, Oakham, Rutland	Oakham 43	Miss M. E. Gibson Miss C. Power, S.R.N., S.C.M.								19	3	22		"
Smallpox Hpl., Snaresone, Burton-on-Trent														closed
Smallpox Hpl., Meadow Lane, Syston, Nr. Leicester														closed
T.B. Dispensary, 59, Regent Road, Leicester	Leicester 22481	A. Scott, M.A., B.Sc., M.B., CH.B. (T.B. Officer)												
TOTAL BED COMPLEMENT			235 21	51	139 47	116 216	277 124		13	161	13	1,005 408	8	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Hillcrest, Leicester	Leicester 21719	Leicester Corporation	379
Enderby House, Narborough, Leics	Narborough 2243	Leicester County Council	28
West Haven, Market Bosworth, Leics	Market Bosworth 204	Leicester County Council	32

13. Leicester No. 3 Hospital Management Committee

Secretary : H. PAGE, F.H.A., F.C.C.S.,
Towers Mental Hpl., Leicester

Chairman : Mrs. D. M. BATES, M.B.E., J.P.,
38, Linden Drive, Evington, Leicester

Finance Officer : G. BROWNLESS, A.H.A., A.C.I.S.,
Towers Mental Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Leicester Frith Institution, Groby Road, Leicester	Anstey 41	A. Pitts, A.H.A. J. Noble, M.D., M.R.C.P. (Lond.) (Med. Officer) Miss M. Baldwin, S.R.N., R.M.P.A., S.C.M. (Matron Supt.)							425			425		g, n, x
Mountsorrel Institution, Leicester Road, Mountsorrel, Leicester	Rothley 8	W. Ward Miss E. Ward, S.R.N., S.C.M.							116			116		x, y, z
Towers Mental Hpl., Humberstone, Leicester	Leicester 27184	H. Page, F.H.A., F.C.C.S. T. Wishart Davidson (Med. Supt.) Miss N. S. Brymer					1,175					1,175		f, n, u, v, w, z
TOTAL BED COMPLEMENT							1,175		541			1,716		

14. Leicester No. 4 Hospital Management Committee

Secretary, Finance Officer and Supplies Officer :
K. C. WHITE, A.H.A., A.C.C.S., Carlton Hayes Hpl.

Chairman : C. Z. M. BOOTH,
Chitterman, Ulverscroft, Leicestershire

Engineer : J. A. DEACON,
Carlton Hayes Hpl.

Carlton Hayes Mental Hpl., Narborough, Nr. Leicester	Narborough 2225/6	K. C. White, A.H.A., A.C.C.S. K. K. Drury, M.C., M.D., B.CH., B.A.O., D.P.M. (Med. Supt.) Miss E. A. Jones, S.R.N., R.M.N.						1,030				1,030	88	f, n, u, v, w, z
Stretton Hall Hpl., Oadby, Nr. Leicester	Great Glen 208	J. W. Cherry, A.H.A. K. K. Drury, M.C., M.D., B.CH., B.A.O., D.P.M. (Med. Supt.) Miss A. M. Kempson, S.R.N., S.C.M., R.N.M.D.							170			170		g, n, x
TOTAL BED COMPLEMENT								1,030	170			1,200	88	

15. Lincoln No. 1 Management Committee

Secretary : R. W. HOWICK, A.H.A.,
County Hpl.,
Lincoln

Chairman : E. W. SCORER, O.B.E.,
Coombe Hurst, Greetwell Road, Lincoln

Finance Officer : C. T. PASK,
County Hpl.,
Lincoln

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Alexandra Hpl., Woodhall Spa, Lincs	Woodhall-Spa 2145	J. Alcock Miss W. M. Derrick	30									30		n
Branston Hall Sanatorium, Branston, Lincoln	Branston 204	Dr. H. G. H. Butcher (Med. Supt.) Miss D. L. Gray					66					66		l
Bromhead Nursing and Maternity Home, Nettleham Road, Lincoln	Lincoln 83	R. W. Howick, A.H.A. Miss M. A. Joyce									39 47	39 47		
Burton Road Hpl., Burton Road, Lincoln	Lincoln 8737	E. Raithby Miss W. Dickson			155							155		c, n, y, z
County Hpl., Sewell Road, Lincoln	Lincoln 1165/8	R. W. Howick A.H.A. Miss M. A. Joyce	220									220		a, d, l, r, t, u, v
Foxby Hill Hpl. (1), Gainsborough, Lincs	Gainsborough 39	Mrs. M. Carter (Matron)				20						20		
County Maternity Home (1), North Marsh Road, Gainsborough, Lincs	Gainsborough 360	Miss E. M. Brady (Matron)		10							1 1	10 1		
Horncastle War Memorial Hpl., North Street, Horncastle, Lincs	Horncastle 49	B. G. Williams Miss B. Alderson	14								2	16		n
John Coupland Hpl. (1), Gainsborough, Lincs	Gainsborough 595	N. Cawthra Miss L. Kelly	40									40		n, u
Lincoln City Isolation Hpl. and Sana- torium, Longleys Road, Lincoln	Lincoln 434	Miss E. Horne (Matron)				55	48					103		j, l, n
Lincoln City Maternity Home, 35, Macauley Drive, Lincoln	Lincoln 562	Miss D. L. Clarke (Matron)		24								24		m, n, p
Reynard Hpl. (1), Willingham-by-Stow, Lincs	Stow 29	Miss E. Hargreaves (Matron)		9							1	10		n, r
St. George's Hpl., Long Leys Road, Lincoln	Lincoln 8434	R. W. Howick A.H.A. Matron: (n.y.a.)												not yet in use
TOTAL BED COMPLEMENT			304	43	155	75	114				42 48	733 48		

15. Lincoln No. 1 Management Committee—Cont.

SUB-GROUPING

(1) Gainsborough Sub-Group. Senior Administrative Officer :—N. CAWTHRA, John Coupland Hpl.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Oakdene, 181, Lea Road, Gainsborough, Lincs.	Gainsborough 134	Gainsborough Urban District Council	60

16. Lincoln No. 2 Hospital Management Committee

Secretary and Finance Officer : C. DENNY, F.I.M.T.A.,
Bracebridge Heath Hpl.

Supplies Officer : A. H. WEBBER, F.H.A.,
Bracebridge Heath Hpl.

Chairman : Councillor H. D. MITCHELL,
212, Hainton Avenue, Grimsby, Lincs.

Engineer : S. CLEUGH,
Bracebridge Heath Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Bracebridge Heath Hpl., Bracebridge Heath, Lincoln	Lincoln 10943/4	W. A. S. Falla, M.D., D.P.M. (Med. Supt.) Miss J. C. Robson						1,130 115				1,130 115		f, l, n, u, v, w, z
		J. F. R. Goodlad, M.D., D.P.M. (Med. Supt.)					94			6	100	84	f, l, n, u, v, w, z	
TOTAL BED COMPLEMENT								1,224 115			6	1,230 115	84	

17. Lincoln No. 3 Hospital Management Committee

Secretary : W. G. KEY, F.H.A.,
Harmston Hall.

Chairman : Alderman A. W. HARRISON,
Bank Chambers, 10, Silver Street,
Gainsborough, Lincs

Finance Officer : E. H. Aldridge, F.H.A.

Supplies Officer : T. W. Batey, F.H.A.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Bourne Institution, St. Peter's Road, Bourne, Lincs	Bourne 171	W. G. Key, F.H.A. Dr. S. J. Lavery (Med. Supt.) Miss M. Craine							133				133		g, l, n, x
Caistor Institution, Kelsey Road, Caistor, Lincs	Caistor 210	W. G. Key, F.H.A. Dr. S. J. Lavery (Med. Supt.) Miss B. V. Molloy							138				138		g, l, n, x
Harmston Hall Colony, Harmston Hall, Nr. Lincoln	Waddington 227	E. H. Aldridge, F.H.A. Dr. S. J. Lavery (Med. Supt.) Miss M. Lynch							362				362		g, l, u, v, x
Cross O'Cliff Court, Bracebridge Heath, Lincoln	Lincoln 8190	E. H. Aldridge, F.H.A. Dr. S. J. Lavery (Med. Supt.) Miss M. Lynch													Details included under Harmston Hall Colony
Holbeach Institution, Fleet Road, Holbeach, Lincs	Holbeach 2237	W. G. Key, F.H.A. Dr. S. J. Lavery (Med. Supt.)										201	201		g, l, n, x, y, z
Rauceby Hpl., Rauceby, Nr. Sleaford, Lincs	South Rauceby 241	T. W. Batey, F.H.A. Dr. N. K. Henderson (Med. Supt.)									46 372		46 372		f (training in abey- ance), l, n, u, v, w, z
TOTAL BED COMPLEMENT													880 372		

18. Mansfield Hospital Management Committee

Secretary : A. ASHWORTH, F.H.A.,
Oak Bank, Crow Hill Drive, Mansfield, Notts.
Tel. : Mansfield 1710

Chairman : Councillor I. E. PICKARD, A.C.I.S.,
46, King Edward Avenue,
Mansfield, Notts

Finance Officer : L. SIMS,
Oak Bank, Crow Hill Drive, Mansfield, Notts

Supplies Officer : G. V. DAVIES, A.H.A., A.C.C.S.,
Oak Bank, Crow Hill Drive, Mansfield, Notts.

Forest Infectious Diseases Hpl.,
Southwell Road,
Mansfield, Notts

Engineer : E. HALL, M.I.H.E.,
Mansfield and District General Hp.

A. Ashworth, F.H.A. J. S. Drummond, M.B., CH.B., D.P.H. (Med. Officer) Miss F. B. Weaver, S.R.N., S.C.M., R.F.N.						50 42						50 42		m, n
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18. Mansfield Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Kirkby-in-Ashfield Smallpox Hpl., Dolds Lane, Kirkby-in-Ashfield, Notts	East Kirkby 2294	A. Ashworth, F.H.A.				46						46		
Mansfield and District General Hpl., West Hill Drive, Mansfield, Notts	Mansfield 1716/9	J. P. Bosworth Miss M. Eddie, S.R.N., S.C.M.	178	4							29	211		a, d, l, m, n, u, v
Crow Hill Rehabilitation Centre, Crow Hill Drive, Mansfield, Notts	Mansfield 1716	A. Ashworth, F.H.A. E. A. Nicoll, M.A., M.D., B.CH., F.R.C.S. (Ed.) (Med. Officer)												
Debdale Hall Hpl., Debale Lane, Mansfield Woodhouse, Notts	Mansfield 952	A. Ashworth, F.H.A. Miss F. M. Price, S.R.N., S.C.M.	35									35		n
Sutton-in-Ashfield Hpl.,* Mansfield Road, Sutton-in-Ashfield, Notts	Mansfield 1845	A. Ashworth, F.H.A.										400		*To be brought into commission during 1949
T.B. Dispensary, Hermitage Lane, Mansfield, Notts	Mansfield 950	A. Ashworth, F.H.A. N. W. Roberts, M.D., D.P.H. (Med. Officer)												
Victoria Hpl., Stockwell Gate, Mansfield, Notts	Mansfield 1731	H. E. Keeton, A.H.A. Mrs. H. E. Keeton, S.R.N., S.C.M.	61	32	254					35		382		n, x, y, z
V.D. Clinic, West Hill Drive, Mansfield, Notts	Mansfield 251	A. Ashworth, F.H.A. J. F. McKay, M.B., CH.B. (Med. Officer)												
TOTAL BED COMPLEMENT			274	36	254	96				35	29	724		
						42				400		442		

19. Nottingham No. 1 Hospital Management Committee

Secretary : H. M. STANLEY, F.H.A., Nottingham, General Hpl.	Finance Officer : E. J. JENKINS, Nottingham General Hospital	Basford Isolation Hpl. (2), Hucknall Road, Old Basford, Nottingham	Nottingham 64106	H. M. Stanley, F.H.A. Miss C. Beard																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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19. Nottingham No. 1 Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										P.P.	Notes
			Acute	Mal.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		
Highbury Hpl. (2), 121, Highbury Road, Bulwell, Nottingham	Nottingham 78828	H. M. Stanley, F.H.A. Dr. M. I. Gibson (Med. Supt.) Miss E. G. Waters (Supt. Nurse)	118	45	42		6		166			377		n, x, y, z
Newark Town and District Hpl. and Dispensary (3), London Road, Newark, Notts	Newark 2188	H. M. Stanley, F.H.A. Miss E. S. R. Beamish	56	13							5	74		c, n
Newark County Hpl. (3), Bowbridge Road, Newark, Notts	Newark 74	H. M. Stanley, F.H.A. Dr. G. E. C. Collis (Med. Supt.) Mrs. M. Enwright			66			70				136		n, x, y, z
Newark Infectious Diseases Hpl. (3), Barnby Road, Newark, Notts	Newark 133	H. M. Stanley, F.H.A. Mrs. B. Johnston				28						28		
Newark Smallpox Hospital, Barnby Road, Newark, Notts	Newark 133	H. M. Stanley, F.H.A.				8						8		
Nottingham General Hpl. (1), Park Row, Nottingham	Nottingham 42554	H. M. Stanley, F.H.A. Miss M. C. Plucknett, D.N.	406 33									406 33		a, d, l, n, r, t, u, v
Nottingham Pay Bed Block (1), The Ropewalk, Nottingham	Nottingham 42554	H. M. Stanley, F.H.A. Miss M. C. Plucknett, D.N.									46	46		
The Cedars Hpl. (1), Mansfield Road, Nottingham	Nottingham 64090	H. M. Stanley, F.H.A. Miss M. C. Plucknett, D.N.	72 28							14		86 28		n.*Only patients transferred from Nottingham General Hpl.
Ruddington Hall Hpl.* (1), Ruddington, Notts	Ruddington 31	H. M. Stanley, F.H.A. Mrs. A. M. A. Munday	50									50		
Lenton Grove Rheumatism Clinic* (1), Beeston Lane, Beeston, Notts	Nottingham 54057	H. M. Stanley, F.H.A. Miss M. C. Plucknett, D.N.												
Nottingham and Midland Eye Inf. (1), The Ropewalk, Nottingham	Nottingham 3342	H. M. Stanley, F.H.A. Miss A. Lee	52								2	54		n
Nottingham Isolation Hpl. (2), Hucknall Road, Nottingham	Nottingham 66627	H. M. Stanley, F.H.A. Dr. T. A. Don (Med. Supt.) Miss M. Walsh				53 110	37					90 110		j, n
Nottingham Smallpox Hpl., Bestwood Lane, Bulwell, Nottingham	Nottingham 78345	H. M. Stanley, F.H.A.												not in use
TOTAL BED COMPLEMENT			754 61	58	108	89 110	43 50	236		14	53	1,355 221		

20. Nottingham No. 2 Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Nottingham Children's Hpl., Chestnut Grove, Nottingham	Nottingham 65065	K. Dryden, A.H.A. Miss M. A. Boden, R.S.C.N., S.R.N.	130								4	134		<i>h, l, n, v</i>
	Nottingham 45091	Miss R. H. Tweedie, A.H.A., A.M.I.A. Miss P. E. Pain, S.R.N., S.C.M.	60	23 12*							27	110 12		<i>c, l, n, t, u</i> * At St. Mary's Nursing Home
	Nottingham 85510	Miss R. H. Tweedie, A.H.A., A.M.I.A. Miss P. E. Pain, S.R.N., S.C.M.								26		26		
Adbolton Hall Annexe, West Bridgford, Nottingham	Nottingham 43755	A. D. Frazer, M.D., D.P.H. (Med. Supt.) Miss V. K. Faulconbridge, S.R.N. (Sister)												<i>u</i>
	Nottingham 2351	E. L. Mee R. Marinkovitch, M.D. (Med. Supt.)												<i>t</i>
V.D. Clinic, Perth House, Nottingham		TOTAL BED COMPLEMENT	787 40	210 12	568	18	4			26	33	1,646 52		

21. Nottingham No. 3 Hospital Management Committee

Supplies Officer : (n.y.a.)
Engineer : S. G. GILMORE, M.I.M.A.R.E., M.I.H.E.,
Mapperley Hpl.

Chairman : Councillor Miss M. S. GLEN-BOTT, M.R.C.S., F.R.C.O.G., J.P.,
15, Regent Street, Nottingham

Secretary : A. BOWLER,
Mapperley Hpl.
Finance Officer : F. J. INGRAM, F.H.A.,
Mapperley Hpl.

Aston Hall Hpl., Aston-on-Trent, Derby	Shardlow 203	L. M. Fairhead, B.E.M., A.H.A. K. O. Milner, M.D., M.R.C.S., D.P.M. (Med. Supt.) Miss E. Thomas						56	334			390		<i>g, n, x</i>
Mapperley Hpl., Mapperley Hill, Nottingham	Nottingham 66616	F. J. Ingram, F.H.A. Duncan Macmillan (Med. Supt.) Miss A. Maidwell						1,200				1,200	5	<i>f, n, u, v, w, z</i>
The Coppice Hpl., Ransom Road, Mapperley, Nottingham	Nottingham 64117	Miss E. M. Malcolm G. M. Woddie, M.R.C.S., L.R.C.P. (Med. Supt.) Miss J. Plenderleith						94 10				94 10	84	<i>f, n, u, v, w, z</i>
TOTAL BED COMPLEMENT								1,350 10	334			1,684 10	89	

22. Nottingham Area No. 4 Hospital Management Committee

Secretary : R. KNIGHT, D.P.A., A.C.C.S.,
Saxondale Hpl.

Chairman : Councillor H. C. C. CARLTON, J.P.,
The Spinney, East Leake,
Nr. Loughborough, Leics.

Supplies Officer : R. E. STROUD, A.H.A.,
Saxondale Hpl.

Finance Officer : A. E. SPALDING,
Saxondale Hpl.

Engineer : J. GREEN,
Saxondale Hpl.

Hospital	Telephone	Senior Officers	Bed Complement													
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes		
Balderton Hall Colony.* Balderton, Nr. Newark, Notts																
Saxondale Hpl., Radcliffe-on-Trent, Notts	Radcliffe-on-Trent 11	R. Knight, D.P.A., A.C.C.S. J. S. McGregor, M.D., D.P.M. (Med. Supt.) Miss A. F. Cross						1,000	400					400		*Not completed
Westdale Institution, Digby Avenue, Westdale Lane, Mapperley, Nottingham	Nottingham 66894	Miss M. M. Cummings (Matron-Supt.)						38						38		n, x
TOTAL BED COMPLEMENT								1,038	400					1,038 400		

23. Nottingham Area No. 5 Hospital Management Committee

Secretary : D. VINCENT,
Harlow Wood Orthopaedic Hpl.

Chairman : W. E. ROBINSON,
Crantock, Villiers Road,
Woodthorpe, Notts.

Finance Officer : H. G. DOVEY, M.B.E.,
Harlow Wood Orthopaedic Hpl.

Supplies Officer and Engineer : (n.y.a.)

Chest Radiography Centre, Postern House, Postern Street, Nottingham	Nottingham 41782	Miss B. Stevenson A. E. Beynon, M.R.C.S., L.R.C.P. (Med. Supt.)												u
Gringley Children's Hpl., Wiseton, Doncaster, Yorks	Wiseton 51 (Hpl.) 50 (Office)	H. G. Yarrow Mrs. B. Blagg, S.R.N., S.C.M.	44									44		
Harlow Wood Orthopaedic Hpl., Nr. Mansfield, Notts	Mansfield 888	D. Vincent S. A. S. Malkin, M.B., B.S., F.R.C.S. (Edin. and Eng.) (Med. Supt.) Miss L. Prickett, S.R.N., O.N.C.	327									327		c, l, n, u, v

23. Nottingham Area No. 5 Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Workshop and District Orthopaedic Clinic, 36, Carlton Road, Workshop Office : 78, Carlton Road, Workshop	Workshop 2457 (Clinic) 2548 (Office)	Mrs. A. Pleasance												
TOTAL BED COMPLEMENT			371				409					780		

24. Rotherham and Mexborough Hospital Management Committee

Secretary : A. R. C. RENNER, F.H.A.,
Montagu Hpl.
Finance Officer : G. S. TAYLOR, A.I.M.T.A.,
Montagu Hpl.

Chairman : A. R. MARTIN,
"Newlyn," Adwick Road,
Mexborough, Yorks
Supplies Officer : T. H. FLETCHER, F.H.A.,
Doncaster Gate General Hpl. (temporary)
Maintenance Officer : W. HUDSON,
Montagu Hpl.

Brampton-en-le-Morthen Smallpox Hpl., Brampton-en-le-Morthen, nr. Rotherham, Yorks	Wickersley 2131	Miss R. M. Griffith (Matron)				20						20		
Clinical Pathological Laboratory, Moorgate, Rotherham, Yorks	Rotherham 2854	L. P. Clarke M.R.C.S., D.P.H. (Pathologist)												n
Hallamshire Maternity Home, Chapelton, Sheffield	Ecclesfield 38580	Miss H. E. Lanesfield (Matron)		22								22		n
Kimberworth Smallpox Hpl., Kimberworth, Rotherham, Yorks	Rotherham 2477	A. C. Morrison, M.D., D.P.H. (Med. Supt.)				12						12		
Listerdale Maternity Home, Wickersley, Rotherham, Yorks	Wickersley 2172	Mrs. D. Firth (Matron)		22								22		n
Montagu General Hpl., Mexborough, Yorks	Mexborough 3207	Miss M. J. O'Callaghan (Matron)	99	22 21							2	123 21		a, l, n, u
Oakwood Hall Sanatorium, Moorgate, Rotherham, Yorks	Rotherham 4106	A. C. Morrison, M.D., D.P.H. (Med. Supt.) Miss L. Craddock					68 32					68 32		n

24. Rotherham and Mexborough Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Rosehill Infectious Diseases Hpl., Rawmarsh, Rotherham, Yorks	Rawmarsh 47	Miss A. E. Rippen (Matron)				22						22		n
Doncaster Gate General Hpl., Rotherham, Yorks	Rotherham 5345	S. Stoppard, F.H.A. Miss C. E. Sharp	150 16								2	152 16		a, d, l, m, n, u
Moorgate General Hpl., Rotherham, Yorks	Rotherham 5141	T. V. Griffith, M.B., CH.B. (Med. Supt.) Miss E. C. Davis	269	43				42				354		a, l, m, n, p, y, z
Rotherham Infectious Diseases Hpl., Badsley Moor Lane, Rotherham, Yorks	Rotherham 4421	A. C. Morrison, M.D., D.P.H. (Med. Supt.) Miss C. Barraclough				64						64		n
Sandygate Maternity Home, Wath-on-Dearne, Rotherham, Yorks														not opened
Swallownest Infectious Diseases Hpl., Swallownest, Nr. Sheffield	Woodhouse 40521	Miss R. M. Griffith (Matron)				82						82		n
Chest Clinic, 8, Goldthorpe Road, Goldthorpe, Yorks	Goldthorpe 3142	E. Ratner, M.D., CH.B., D.P.H. (Med. Supt.)												
Chest Clinic, Exchange Buildings, Market Street, Mexborough, Yorks	Mexborough 2169	E. Ratner, M.D., CH.B., D.P.H. (Med. Supt.)												
Chest Clinic, Carson House, Moorgate, Yorks	Rotherham 4059	H. G. Crowther, M.A. (Med. Supt.)												
Chest Clinic, 12, Frederick Street, Rotherham, Yorks	Rotherham 2512	A. C. Morrison, M.D., D.P.H. (Med. Supt.)												
V.D. Clinic, 12, Frederick Street, Rotherham, Yorks	Rotherham 2522	E. H. Jeanes, M.C., M.D., CH.B., D.P.H. (Med. Supt.)				79						79		n
Wathwood Infectious Diseases Hpl., Wathwood, Nr. Rotherham, Yorks	Wath 106	Dr. G. O'Keefe (Med. Officer) Miss E. Durrans				279	68 32	42			4	1,020 69		
TOTAL BED COMPLEMENT			518 16	109 21		279	68 32	42			4	1,020 69		

25. Scunthorpe Hospital Management Committee

Secretary and Supplies Officer : S. LORD, F.H.A., A.C.C.S.,
Scunthorpe and District War Memorial Hpl.

Finance Officer : R. TREMAIN, D.P.A., A.H.A.,
c/o Scunthorpe and District War Memorial Hpl.

Chairman : The Rt. Hon. The LORD QUIDELL, J.P.,
Manston, Cliff Gardens, Scunthorpe, Lincs.

Engineer : J. F. H. SPINK,
c/o Scunthorpe and District War Memorial Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
The Infectious Diseases Hpl., East Common Lane, Brumby, Scunthorpe, Lincs	Scunthorpe 2442	S. Lord, F.H.A., A.C.C.S. Dr. H. B. Collins (Med. Supt.) Miss T. Dowling, S.R.N., S.R.F.N.				30	14 18					44 18		"	
			36	4	36							76		"	
Brigg Inf., Wrawby Street, Brigg, Lincs	Brigg 2133	W. T. Smart Miss J. A. Macleod												"	
Scunthorpe Maternity Home, Brumby Wood Lane, Scunthorpe, Lincs	Scunthorpe 53006	S. Lord, F.H.A., A.C.C.S. Miss E. P. Thornton, S.R.N., S.C.M.		45							4	49		"	
Scunthorpe and District War Memorial Hpl., Cliff Gardens, Scunthorpe, Lincs	Scunthorpe 3294	F. Gowers, A.H.A. Miss V. Allen, S.R.N., S.C.M.	22									204*	30	256	a, d, l, n, u, v. *In- cludes 44 Radio Therapy beds.
			58	49	36	30	14 18			204	34	425 18			

26. Sheffield No. 1 Hospital Management Committee

Secretary : W. STANSFIELD,
Nether Edge Hpl. Tel.: Sheffield 51034

Finance Officer : G. A. READY, A.S.A., A.I.M.T.A.,
Nether Edge Hpl. Tel.: Sheffield 51034

Chairman : Alderman W. E. YORKE, J.P.,
15a, Victoria Road,
Sheffield, 10

Engineer : D. M. McPHAIL,
Nether Edge Hpl. Tel.: Sheffield 51034

City General Hpl., Herries Road, Sheffield, 5	Sheffield 36253	R. Cummings J. Clark, M.D., D.P.H. (Med. Supt.) Miss A. L. Perkins, S.R.N., S.C.M.	594	128						240		722 240		a, l, n, o, t, u
Firvale Inf., Sheffield, 5	Sheffield 36206	O. A. Moss, F.H.A. J. Clark, M.D., D.P.H. (Med. Supt.) Mrs. V. N. E. Moss, S.R.N.		1,012 239				102 21	115			1,229 260		m, n, x, y, z
Nether Edge Hpl., Union Road, Sheffield, 11	Sheffield 51022	L. P. DeAbrew, M.R.C.S., L.R.C.P. (Med. Supt.) Miss E. Brown, S.R.N., S.C.M.		58 46	216 100		122					396 146		n, p

26. Sheffield No. 1 Hospital Management Committee--Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Shirle Hill Cherry Tree Road, Sheffield, 11. (Annexe to Nether Edge Hpl.)	Sheffield 51022 Ext. 20	L. P. DeAbrew, M.R.C.S., L.R.C.P. (Med. Supt.) Miss E. Brown, S.R.N., S.C.M.												Beds included in maternity bed figure for Nether Edge Hpl.
			594	186 46	1,228 339		122	102 21	115	240		2,347 646		
TOTAL BED COMPLEMENT			594	186 46	1,228 339		122	102 21	115	240		2,347 646		

27. Sheffield No. 2 Hospital Management Committee

Secretary : R. BRADLEY, F.H.A.,
Middlewood Hpl.
Finance Officer : L. ATKINSON, A.M., I.T.A., A.S.A.A.,
Middlewood Hpl.

Chairman : Councillor J. F. WILLIAMS,
32, Essex Road,
Sheffield, 2

Supplies Officer : E. SEED,
Middlewood Hpl.
Engineer : W. BEAUMONT,
Middlewood Hpl.

Hospital	Telephone	Senior Officers	Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Aston Hall Hpl., Aston Common, Nr. Sheffield, Yorks	Aston Common 84	Miss E. M. Street (Matron)							50			50		l, x
Girls' Hostel, Scott Road, Sheffield, 4	Sheffield 36604	Miss G. M. Batterbee (Matron)							14			14		x
The Grange Hpl., Kimberworth, Nr. Sheffield, Yorks	Sheffield 38689	Miss M. M. Carroll (Matron)							102			102		not yet opened
Hollow Meadows Hpl., Nr. Malin Bridge, Sheffield	Sheffield 31467	Miss A. MacColl (Matron)							60			60		x
Wales Court Hpl., Kiveton, Nr. Sheffield, Yorks	Kiveton 218	Dr. F. T. Thorpe (Med. Supt.) Miss R. Hale						2,080				2,080		f, l, m, n, v, w, z
Middlewood Hpl., Sheffield, 6	Sheffield 43015	Dr. K. H. Hardy (Med. Supt.) Miss R. Hale	265	175								440		m, n
Wharnciffe Hpl., Sheffield, 6	Sheffield 43015	F. Daintith Mrs. F. Daintith			100				30			130		x, y, z
Grenoside Institution, Nr. Sheffield	Sheffield 38413	TOTAL BED COMPLEMENT	265	175	100			2,080	256			2,876		

28. Sheffield No. 3 Hospital Management Committee

Secretary : F. WILLIAMSON,
Lodge Moor Hpl.

Finance Officer : V. WHITLOCK, A.H.A., A.C.I.S.,
Lodge Moor Hpl.

Chairman : Councillor G. E. MARLOW, J.P.,
27, Laird Road, Sheffield, 6

Supplies Officer and Engineer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total	
Ash House Hpl. School, Dore, Nr. Sheffield, Yorks	Sheffield 72766	H. M. Cohen, M.D., D.P.H. (Med. Officer) Miss E. Johnson, S.R.N.	42										42		m, n
Bakewell and District War Memorial Hpl. (2), Butts Road, Bakewell, Derbyshire	Bakewell 34	G. Glossop Miss M. Lloyd, S.R.N., S.C.M.	13										13		m, n
Commonside Sanatorium (1), Walkley, Sheffield, 10	Sheffield 62557	C. Wall H. Midgley Turner, M.D., M.R.C.P., D.P.H. (Med. Supt.) Miss N. A. Ashley (Sister-in- charge)					41						41		m, n
Crimicar Lane Sanatorium, Sheffield, 10	Sheffield 31168	R. A. Wilson H. Midgley Turner, M.D., M.R.C.P., D.P.H. (Med. Supt.) Miss S. E. Outram, S.R.N., C.M.B.					52 52						52 52		m, n
Dronfield Infectious Diseases Hpl., Dronfield, Nr. Sheffield	Dronfield 2324	Miss V. W. Farquharson (Matron)				18*							18		*Temporarily closed.
Grenoside Infectious Diseases Hpl., Grenoside, Nr. Sheffield	Ecclesfield 38408					41							41		m, n
Haddon Infectious Diseases Hpl. (2), Nr. Bakewell, Derbyshire	Bakewell 34					16*							16		
Hallwood Hpl., Grenoside, Nr. Sheffield	Ecclesfield 38408					18†							18		m, n. †Smallpox.
King Edward VII Hpl., Rivelin, Sheffield, 6	Sheffield 32626	H. Short C. Lee Pattison, M.B., B.S. (Lond.), M.R.C.S., I.R.C.P. (Med. Supt.) Miss E. J. Fountain, S.R.N., S.C.M., M.R.C.N.					140						140		c, m, n

29. Sheffield No. 4 Hospital Management Committee

Secretary and Finance Officer : Capt. T. W. BARNARD,
O.B.E., F.R.P.S., M.S.R., A.H.A.,
Sheffield National Centre for Radiotherapy

Chairman : Sir Ronald MATTHEWS, J.P.,
Wadworth Hall, Nr. Doncaster

Electrical Engineer : C. G. OVENS,
Sheffield National Centre for Radiotherapy

Hospital	Telephone	Senior Officers	Notes	
Sheffield National Centre for Radiotherapy, "Broom Cross," Tree Root Walk, Sheffield, 10	Sheffield 60072	Capt. T. W. Barnard, O.B.E., F.R.P.S., M.S.R., A.H.A.	This Management Committee is responsible for the Radiotherapy Service in the Sheffield Region and accordingly co-ordinates the work of the radiotherapy centres at Sheffield, Nottingham, Leicester, Derby and Scunthorpe. The beds available at the different centres are:— National Centre at "Broom Cross," Sheffield— 50 beds at the Sheffield Royal Infirmary. 10 beds at the Jessop Hospital for Women. Nottingham Centre— 25 beds at Nottingham General Hospital. Leicester Centre— 22 beds at Leicester Royal Infirmary. Derby Centre— 21 beds at Derbyshire Royal Infirmary. Lincolnshire Centre— 52 beds at Scunthorpe Memorial Hospital.	

30. Workshop and Retford Hospital Management Committee

Secretary : W. EVANS, A.H.A.,
Victoria Hpl.

Chairman : Alderman H. HARTLAND, J.P.,
3, Elms Road,
Workshop, Notts

Finance Officer : J. W. BURDETT, A.H.A.,
Kilton Hpl.

Supplies Officer : H. EDWARDS, A.H.A.,
Victoria Hpl.

Engineer : J. PEMBERTON,
Victoria Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	
Carlton Isolation Hpl., Carlton-in-Lindrick, Nr. Workshop, Notts	North Carlton 344	W. Evans, A.H.A. Mrs. J. Clay				16 44						16 44		n
	Workshop 2831	J. W. Burdett, A.H.A. Miss A. Dean	65 13	21 20	51 9		23 6					160 38		n
Retford and District Hpl. and Dispen- sary North Road, Retford, Notts	Retford 154	W. Evans, A.H.A. Miss I. M. Kenyon	35								5	40	5	n
	Workshop 2836	H. Edwards, A.H.A. Miss L. Capper-Williams	124								3	127	2	a, l, n, u, v
Workshop Smallpox Hpl., c/o Carlton Isolation Hpl., Carlton-in-Lindrick, Nr. Workshop, Notts	North Carlton 344	W. Evans, A.H.A. Mrs. J. Clay				16						16		
T. B. Dispensary, Watson Road, Workshop, Notts	Workshop 2415	W. Evans, A.H.A. Dr. N. W. Roberts (Med. Officer)												t, u
V. D. Clinic, Watson Road, Workshop, Notts	Workshop 2415	W. Evans, A.H.A. Dr. J. F. McKay (Med. Officer)												t, u
TOTAL BED COMPLEMENT			224 13	21 10	51 9	16 60	23 6				8	343 98	7	

EAST ANGLIAN REGION

Area : The administrative counties of Cambridge, Huntingdon, Isle of Ely, Norfolk, Soke of Peterborough, Suffolk (East) and Suffolk (West). The county boroughs of Great Yarmouth, Ipswich and Norwich.

So much of the administrative county of Essex as comprises the borough of Saffron Walden ; and the rural district of Saffron Walden. So much of the administrative county of Hertford as comprises the urban district of Royston. So much of the administrative county of Lincoln, parts of Kesteven, as comprises the borough of Stamford ; the urban district of Bourne ; and the rural district of South Kesteven. So much of the administrative county of Rutland as comprises the rural district of Ketton.

Population : 1,360,852.

Regional Hospital Board

Address : " Croft-Holme," 117, Chesterton Road, Cambridge

Telephone : Cambridge 58345

Chairman of Board : The Earl of Cranbrook (b)

Other Members : (a) Mrs. H. A. Adrian, J.P., C. R. CASELTON, P. F. Dennard, J. V. Morris, H. Payne, J.P., Col. D. Portway, Miss J. G. Thompson, Alderman Mrs. M. Whitmore ; (b) Alderman J. Brooksbank, J.P., M. W. B. Bulman, The Rev. Canon J. D. Day, R. B. Fawkes, D.S.O., M.C., J. Grantham, Alderman S. Peel, J.P., E. W. Plumpton, J.P., G. T. Vawser ; (c) Mrs. E. Binfield, R. W. Butler, J. B. Coster, J.P., C. Dudson, W. B. Gourlay, M.C., R. B. Keefe, Sir Cecil Oakes, C.B.E., R. H. Parker, M.C., W. H. York.

N.B.—Members under (a) are appointed to serve until March 31st, 1952 ; those under (b) until March 31st, 1950 ; those under (c) until March 31st, 1951.

Secretary :

K. V. F. MORTON, C.I.E., F.H.A.

Treasurer :

S. J. PROSSER, A.H.A., A.S.A.A.

Assistant Treasurer :

G. V. SMITH, A.S.A.A.

Architect :

G. ALDIS, A.R.I.B.A., A.A.(DIP.)

Assistant Engineer :

H. L. HAMMOND, A.M.I.M.E., A.M.I.C.E., A.M.I.E.E.

Senior Admin. Medical Officer :

J. B. EWEN, M.D., D.P.H.

Assistant Senior Medical Officer :

C. P. HAY, M.D., M.R.C.P., D.P.H.

Assistant Senior Medical Officer (Mental Health):

G. L. ASHFORD, M.B., CH.B., D.P.M.

Teaching Hospital within Region : The United Cambridge Hospitals.

EAST ANGLIAN REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. South West (No. 1) Group Hospital Management Committee

Secretary : Brigadier T. R. HENRY, C.B.E., F.H.A.,
White Lodge Hpl.

Supplies Officer : N. KENDALL, F.H.A.,
White Lodge Hpl.

Finance Officer : G. MEADOWCROFT,
White Lodge Hpl.

Chairman : Capt. H. R. KING, C.B.E., J.P.,
Graham House, Newmarket, Suffolk.

Engineer : H. MERRIN (Clerk of Works),
Cambridgeshire Mental Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Huntingdon County Hpl. (1), Brampton Road, Huntingdon	Huntingdon 541 (Sec.) 89 (Matron)	Miss E. Bryant Dr. H. Craven Veitch (Med. Supt.) Miss F. M. Blue	62								8	70		c, u
Royston and District Hpl., London Road, Royston, Herts.	Royston 2134	Miss A. E. Kelly, (Matron)	26	6								32	3	
Saffron Walden General Hpl. (4), London Road, Saffron Walden, Essex	Saffron Walden 3333	Miss E. Day Miss M. Gratwick	42 3	1								43 3		
White Lodge Hpl. (3), Exning Road, Newmarket, Suffolk	Newmarket 3031	E. S. Heasman Air Vice-Marshall T. Kelly, C.B.E. (Med. Supt.) Miss S. M. Hay	122 246	18			63			*24		227 246		a, l, n, u, *Conva- lescent
Huntingdon Isolation Hpl. (1), Primrose Lane, Huntingdon	Huntingdon 59	Miss E. Bryant Dr. C. Hicks (Med. Supt.) Miss G. Pratt				10 29						10 29		
Ely Isolation Hpl. (2), St. John's Road, Ely, Cambs.	Ely 57	Dr. K. S. Maurice-Smith (Med. Supt.) Miss A. M. Pickersgill				58						58		
Saffron Walden Isolation Hpl. (4), Debden Road, Saffron Walden, Essex	Saffron Walden 2347	H. Payser Dr. S. R. Richardson (Med. Supt.) Mrs. Payser				22						22		
Exning Isolation Hpl. (3), Fordham Road, Exning, Nr. Newmarket, Suffolk	Exning 13	Dr. N. Gray (Med. Supt.) Miss F. Foster				12 18						12 18		
Paxton Park Maternity Home (1), St. Neots, Hunts.	St. Neots 54	Dr. H. Craven Veitch (Med. Supt.) Miss G. E. Hazelton		20								20		
Cambridgeshire Mental Hpl., Fulbourn, Cambs.	Cambridge 87255	E. C. Mitchell, F.H.A. Dr. J. G. T. Thomas (Med. Supt.) Miss I. I. Fossey						883				883		f, l, m, n, u, v, w, z

1. South West (No. 1) Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
The Grange Maternity Home, Ely, Cambs.	Ely 389	Dr. F. G. A. Beckett, M.R.C.S., L.R.C.P. (Med. Supt.) Miss M. N. Denham		18								18		n
Riversfield Mental Deficiency Home (1), St. Neots, Hunts.	St. Neots 395	Miss A. Readman (Matron)							25			25		
St. James' Institution (4), 76, Radwinter Road, Saffron Walden, Essex	Saffron Walden 2332	Wm. Priest Mrs. J. E. Priest		5	94							99		n, x, y, z
Tower House (2), 46, Cambridge Road, Ely, Cambs.	Ely 13	C. W. Latham Dr. C. N. Wells (Med. Supt.) Mrs. O. B. Latham			73			3	12			88		n, x, y, z
Orthopædic Clinic, Ely, Cambs.														
T.B. Dispensary, Shire Hall, Castle Hill, Cambridge	Cambridge 4127	W. Paton Philip, M.C., M.B., D.M.R.E., D.P.H. (Med. Supt.)												
T.B. Dispensary, Ely, Cambs.														
Orthopædic Clinic, Huntingdon														
T.B. Dispensary, Old Fletton, Hunts.														
Maternity Home (3), Cardigan Street, Newmarket, Suffolk	Newmarket 2040	Miss F. M. Hilliard, S.R.N., S.C.M. (Sister-in-charge)	4									4	4	
TOTAL BED COMPLEMENT			252 249	72	167	102 47	63	886	12 25	24	8	1,586 321	7	

SUB-GROUPING

- (1) Huntingdon Hospitals House Committee Sub-Group ...
- (2) Ely Hospitals House Committee Sub-Group ...
- (3) Newmarket Hospitals House Committee Sub-Group ...
- (4) Saffron Walden Hospitals House Committee Sub-Group ...

Senior Administrative Officer :—Brigadier T. R. HENRY, C.B.E., F.H.A., White Lodge Hpl.

3. West Suffolk Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Thetford Cottage Hpl. (1), Thetford, Norfolk	Thetford 2253	Miss E. G. Taylor (Matron)	10										10		n, u
Bury St. Edmunds Isolation Hpl. (1), Sicklesmere Road, Bury St. Edmunds, Suffolk	Bury St. Edmunds 115	Miss J. Burleigh (Matron)				12							12		
Risbridge House (2), Kedington, Suffolk	Haverhill 72	E. B. Holgate Miss M. Campbell									249 31			249 31	n, x, y, z
St. Mary's Hpl. (1), 36, Mill Road, Bury St. Edmunds, Suffolk	Bury St. Edmunds 68	H. G. Williams Mrs. W. M. Williams		16	143		12						171		n, x, y, z
Walnut Tree Hpl. (2), Sudbury, Suffolk	Sudbury 2446	C. J. Underhill Mrs. O. H. Underhill	4	4	208		4						220		n, u, x, y, z
T.B. Dispensary and V.D. Clinic, West Suffolk General Hpl., Bury St. Edmunds, Suffolk	Bury St. Edmunds 35														
Eye Clinic West Suffolk General Hpl., Bury St. Edmunds, Suffolk	Bury St. Edmunds 35		226 75	50	351	12	16				249 31		904 106		
		TOTAL BED COMPLEMENT													

(1) Bury St. Edmunds Sub-Group

(2) Sudbury Sub-Group

SUB-GROUPING

These sub-groups are directly administered by the Secretary to the Hospital Management Committee.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
St. Barnabas County Home, Thetford, Norfolk	Thetford 2231	Norfolk County Council	68

4. Ipswich Group Hospital Management Committee

Secretary: JOHN WILLIAMS, F.H.A.,
East Suffolk and Ipswich Hpl.

Finance Officer: J. S. CRACKNELL, A.I.M.T.A., A.H.A.,
East Suffolk and Ipswich Hpl.

Chairman: T. M. BLAND,
Rookwood, Copdock, Ipswich, Suffolk.

Supplies Officer: H. MOXON, F.H.A.,
East Suffolk and Ipswich Hpl.

Engineer: L. McGRATH,
East Suffolk and Ipswich Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
East Suffolk and Ipswich Hpl. (1) Anglesea Road, Ipswich, Suffolk	Ipswich 51021	H. Moxon, F.H.A. Miss J. G. Thompson	257 61	12							30	299 61		a, l, n, r, u, v
Ipswich Borough General Hpl. (1), Heath Road, Ipswich, Suffolk	Ipswich 78141	H. Moxon, F.H.A. Miss M. Whitehead	220	20	72							312		a, d, l, n, u
Aldeburgh Cottage Hpl. (6), Park Road, Aldeburgh, Suffolk	Aldeburgh 78	Miss C. M. Fletcher (Matron)	16								2	18		
Felixstowe Cottage Hpl. (4), Constable Road, Felixstowe, Suffolk	Felixstowe 24	Miss E. M. Borrett Miss P. E. Sutton	28								6	34		
Southwold and District Hpl. (5), Field Stile Road, Southwold, Suffolk	Southwold 3333	Miss M. H. Noller (Matron)	4 10								2	6 10		
Patrick Stead Hpl. (5), Bungay Road, Halesworth, Suffolk	Halesworth 24	Miss C. Stephenson (Matron)	23	8							1	32		
Ipswich Isolation Hpl. (2), Foxhall Road, Ipswich, Suffolk	Ipswich 77211	Miss C. Melia (Matron)				48 36	52					100 36		
Ipswich Smallpox Hpl. (2), Ipswich, Suffolk	Kesgrave 15					24						24		
Stowmarket Isolation Hpl. (3), Bury Road, Stowmarket, Suffolk	Stowmarket 59	Miss M. E. Williams (Matron)				27						27		
Ipswich Sanatorium (2), Foxhall Road, Ipswich, Suffolk	Ipswich 78166						120					120		

4. Ipswich Group Hospital Management Committee—Cont.

Hospital	Te'ephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
British Legion Sanatorium (8), Nayland, Colchester, Essex	Nayland 201	Miss N. Westlake, A.H.A. Dr. L. R. J. Rinkel (Med. Supt.) Miss E. E. Sherbourne					182 27					182 27		
	Ipswich 2058	Mrs. A. Hunter (Matron)								40		40		
	Felixstowe 292	Miss A. A. Creber (Matron)								60	5	60 5		
Suffolk Convalescent Home, (4) Felixstowe, Suffolk	Felixstowe 788	Miss G. W. Comley (Matron)								57		57		
Ipswich Maternity Home, (2) Wingfield Street, Ipswich, Suffolk	Ipswich 4254	Miss M. Blyth (Matron)		20								20	p	
Stow Lodge Institution (3) One House, Stowmarket, Suffolk	Stowmarket 57	G. Richardson Mrs. Richardson			127							127	n, x, y, z	
Hartismere House Hpl. (9), Eye, Suffolk	Eye 45	W. H. Wood Mrs. Wood		8 8	97		20					125 8	n, x, y, z	
Red House Institution (5), Bulcamp, Halesworth, Suffolk	Blythborough 231	E. Last Mrs. Last			139							139	n, x, y, z	
St. Mary's Hpl. (2), Tattingstone, Ipswich, Suffolk	Holbrook 223	A. Chinn Mrs. Chinn			139							139	n, x, y, z	
T.B. Dispensary (2), Elm Street, Ipswich, Suffolk	Ipswich 4311													
TOTAL BED COMPLEMENT			548 71	68 8	574	99 36	254 147			157	41 5	1,741 267		

SUB-GROUPING

- (1) Ipswich General Hospitals Sub-Group

(2) Ipswich Special Hospitals Sub-Group

(3) Stowmarket Sub-Group

(4) Felixstowe Sub-Group

(5) North Suffolk Sub-Group
- (6) Aldeburgh Sub-Group

(7) Chantry Sub-Group

(8) Nayland Sub-Group

(9) Hartismere, Eye Sub-Group
- Senior Administrative Officers: (n.y.a.)

5. Suffolk Mental Hospital Management Committee

Secretary and Finance Officer :
W. J. LONGDEN, M.B.E., F.H.A., F.C.I.S.,
St. Audrey's Hpl.

Chairman : Dr. P. WEINER,
105, Hatfield Road, Ipswich, Suffolk.

Supplies Officer and Engineer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other.	Pri.	Total	P.P.		
St. Audrey's Hpl., Melton, Woodbridge, Suffolk	Woodbridge 2	W. J. Longden, M.B.E., F.H.A., F.C.I.S. Dr. W. Brooks Keith (Med. Supt.) Miss A. Aves						1,100					1,100		f, l, n, v, w, z
	Ipswich 77255	W. J. Glenn, A.H.A. Dr. P. Banbury (Med. Supt.) Miss E. Forsyth, S.R.N., S.C.M., R.M.P.A.						450					450		f, l, n, v, w, z
TOTAL BED COMPLEMENT								1,550					1,550		

6. Norwich, Lowestoft and Gt. Yarmouth Hospital Management Committee

Secretary : F. L. GATFIELD, F.H.A.,
Norfolk and Norwich Hpl.

Finance Officer : R. W. D. ABBOTT, F.I.M.T.A.,
Norfolk and Norwich Hpl.

Chairman : P. W. JEWSON,
Horsford Hall, Norwich, Norfolk

Engineer : A. MORTON,
Norfolk and Norwich Hpl.

Lowestoft and North Suffolk Hpl. (and Maternity Annexe) (3), Tennyson Road, Lowestoft, Suffolk	Lowestoft 1140	W. J. Stephenson, Miss P. E. C. Sharpe, R.R.C.	87	6 9							6	93 15		a, l, n, u, v
Beccles and District Hpl., Ringsfield Road, Beccles, Suffolk	Beccles 2164	W. J. Stephenson, Miss E. Gasson	16				4				2	22		
Gt. Yarmouth and Gorleston General Hpl. (2) (Surgical Unit), Deneside, Gt. Yarmouth, Norfolk	Gt. Yarmouth 2475	J. Egerton, F.H.A. Miss E. Cunningham, M.B.E.	72	14							4	90		a, l, n, u,
Gt. Yarmouth and Gorleston General Hpl. (2) (Medical Unit), Lowestoft Road, Gorleston-on-Sea, Norfolk	Gorleston 78	J. Egerton, F.H.A. Miss M. Hinde	27								3	30		a, l, n, u

6. Norwich, Lowestoft and Gt. Yarmouth Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.F.	
Lowestoft Isolation Hpl. (3), Rotterdam Road, Lowestoft, Suffolk	Lowestoft 79													closed
Gt. Yarmouth Isolation Hpl. (2), Estcourt Road, Gt. Yarmouth, Norfolk	Gt. Yarmouth 3233	K. J. Grant, M.A., M.B., B.CH., D.P.H. (Med. Supt.) Mrs. I. G. Stoner, S.R.N., S.C.M.				50						50		
Gorleston Smallpox Hpl. (2), Cemetery Lane, Gorleston-on-Sea, Norfolk	Gt. Yarmouth 3233													closed
Oulton Smallpox Hpl. (3), Gorleston Road, Lowestoft, Suffolk														closed
Melton Lodge Orthopaedic Hpl. (2), Marine Parade, Gt. Yarmouth, Suffolk	Gt. Yarmouth 3506	Miss A. L. M. Hellard (Matron)							40			40		"
St. Luke's Hpl. (3), Lowestoft, Suffolk														closed
Normanston Hpl. (3), Oulton Broad, Lowestoft, Suffolk														closed
Norfolk and Norwich Hpl. (1), St. Stephen's Road, Norwich, Norfolk	Norwich 21311	F. L. Gatfield, F.H.A. Miss J. Watson, D.N.	407								33	440		a, l, t, u
Victoria Cottage Hpl., Watton, Norfolk.	Watton 224	P. S. Fisher Miss. E. M. Edwards	9									9		
Drayton Hall Maternity Home (1), Drayton, Norwich, Norfolk														closed
Jenny Lind Hpl. (1), Unthank Road, Norwich, Norfolk	Norwich 23297	F. L. Gatfield, F.H.A. Miss J. Watson, D.N.	68				12					80		t, u
County Isolation Hpl., Cemetery Road, East Dereham, Norfolk	Dereham 91	Miss M. D. Paterson (Matron)				92						92		"

6. Norwich, Lowestoft and Gt. Yarmouth Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
T.B. Dispensary, Public Health Department, Churchman House, St. Giles Street, Norwich, Norfolk	Norwich 22233														
T.B. Dispensary, County Offices, Thorpe Road, Norwich	Norwich 22288														
Earlham Hall Maternity Home (1), Norwich, Norfolk	Eaton 248			21								21			p
TOTAL BED COMPLEMENT			790	53	449	180	28		174	40	42	1,756			
			81	32								119			

SUB-GROUPING

(1) Norwich Hospitals Sub-Group
(2) Great Yarmouth Hospitals Sub-Group
(3) Lowestoft and District Hospitals Sub-Group
(4) Attleboro', Swainsthorpe and Wicklewood Hospitals Sub-Group
At time of going to Press these sub-groups were not yet functioning.

7. Norwich Mental I Hospital Management Committee

Secretary and Finance Officer : B. H. READ, F.H.A.,
St. Andrew's Hpl.

Supplies Officer : T. E. PARRY, F.H.A.,
St. Andrew's Hpl.

Chairman : Alderman H. DEACON,
2, Matlock Road, Norwich Norfolk.

Engineer : H. J. WYATT, A.M.I.B.E., A.M.T.I., M.I.E.C.,
St. Andrew's Hpl. [M.I.H.E.]

St. Andrew's Hpl., Thorpe, Norwich, Norfolk	Norwich 33252/3	B. H. Read, F.H.A. W. J. McCulley, M.B., CH.B., B.Sc., D.P.M. (Med. Supt.) Miss A. Coomber, S.R.N., R.M.N.	1,202	1,202	1,202	f, n, u, v, w, z
TOTAL BED COMPLEMENT			1,202	1,202	1,202	

8. Norwich Mental II Hospital Management Committee

Secretary, Finance Officer and Supplies Officer :
L. J. BINGLEY, F.H.A.,
Hellesdon Hpl.

Chairman : Alderman E. F. WILLIAMSON, J.P.,
Wentworth, 99, Newmarket Road, Norwich, Norfolk.

Engineer : W. J. CALDER,
Hellesdon Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Hellesdon Hpl., Hellesdon, Nr. Norwich, Norfolk	Hellesdon 327	L. J. Bingley, F.H.A. Med. Supt.: (vacant) Miss L. Davies, S.R.N.						850					850		f, l, n, u, v, w, z
Bethel Hpl., Norwich, Norfolk	Norwich 24930	S. J. Fielding (Med. Supt.) Miss E. C. Whyte, S.R.N.						30 75					30 75		f, n, w, z
TOTAL BED COMPLEMENT								880 75					880 75		

9. Norfolk M.D. Hospital Management Committee

Secretary : C. H. FROST, F.H.A.,
Little Plumstead Hall.
Finance Officer : S. A. BETTS,
30, St. Alban's Road, Norwich.
Tel.: Brundall 207

Chairman : County Councillor H. E. TAYLOR, J.P.,
Ford End, Cringleford, Norwich, Norfolk.

Supplies Officer : (n. y. a.)

Engineer : E. W. MARTIN,
Little Plumstead Hall.

Heckingham Institution, Hales, Nr. Norwich, Norfolk	Raveringham 215	C. H. Frost, F.H.A. J. V. Morris, M.D., M.A. (Med. Supt.) Miss M. E. Bellingham, S.R.N., R.M.N., R.M.P.A., C.M.B.										214		n, x
Little Plumstead Hall, Nr. Norwich, Norfolk	Brundall 207	C. H. Frost, F.H.A. J. V. Morris, M.A., M.D. (Med. Supt.) Miss J. Kennington, S.R.C.N.	16			8	8					491		f, l, n, u, v, z
Eaton Grange Institution, Unthank Road, Norwich, Norfolk	Eaton 99	C. H. Frost, F.H.A. J. V. Morris, M.A., M.D. (Med. Supt.) Miss E. Agnew, R.M.P.A., R.N.M.D., S.R.N.										59		n, x
TOTAL BED COMPLEMENT			16			8	8					732		

10. Cromer Area Hospital Management Committee

Secretary : S. W. JOHNSON, A.H.A., F.C.I.S.,
Cromer and District Hpl.

Finance Officer : G. A. F. PYMAN,
1, St. Mary's Road, Cromer, Norfolk.
Tel. : Cromer 2213, Ext. 12.

Chairman : Alderman S. PEEL, J.P.,
Devonia, Mill Road, Wells, Norfolk.
Supplies Officer and Engineer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Cromer and District Hpl. (1), Mill Road, Cromer, Norfolk	Cromer 2213	S. W. Johnson, A.H.A., F.C.I.S. Miss C. E. H. Robertson, D.N.	40	12							7	59		m, n
	North Walsham 53	W. E. Jacobs Miss R. J. Sampson, S.R.N.	18	2								20		n
	Wells 218	H. Wright Miss A. E. Laws, S.R.N., S.C.N.	8									8		n
Cromer Isolation Hpl. (1), Roughton, Nr. Norwich, Norfolk	Cromer 2505	S. W. Johnson, A.H.A., F.C.I.S. Miss E. M. Phillips, S.R.N.				16						16		
Kelling Sanatorium (2), Holt, Norfolk	Holt 3212	W. J. Sudul G. Ivor Davies, M.D., B.S., D.P.H., (Med. Supt.) Miss G. B. Underwood, S.R.N.					180					180		l
Fletcher Convalescent Home (1), Cromer, Norfolk	Cromer 2192	S. W. Johnson, A.H.A., F.C.I.S. Miss C. Farrant, S.R.N.								64		64		
Home Place Convalescent Home (2) Holt, Norfolk	Holt 2177	W. J. Sudul Mrs. W. M. Knights, S.R.N.								26		26		
Children's Sanatorium (2) Holt, Norfolk	Holt 2196	W. J. Sudul Miss M. L. Searle, S.R.N.					40 8					40 8		n
St. Michael's Hpl. (5), Aylsham, Norfolk	Aylsham 3291	N. Sucksmith, A.H.A. Mrs. H. E. Sucksmith, S.R.N., S.C.M.		4	161*							165		x, y, z. *Final numbers under consideration
TOTAL BED COMPLEMENT			66	18	161	16	220 8			90	7	578 8		

SUB-GROUPING

- (1) Cromer Sub-Group

(2) Kelling Sub-Group

(3) North Walsham Sub-Group

(4) Wells Sub-Group

(5) St. Michael's Sub-Group
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- Senior Administrative Officer:—S. W. Johnson, F.C.I.S., A.H.A., Cromer and District Hpl.

Senior Administrative Officer:—W. J. Sudul, Kelling Sanatorium

Senior Administrative Officer:—W. E. Jacobs, North Walsham Cottage Hpl.

Senior Administrative Officer:—H. Wright, Wells Cottage Hpl.

Senior Administrative Officer:—N. Sucksmith, A.H.A., St. Michael's Hpl.

10. Cromer Area Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution		Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Beckham House, Gresham, Norfolk		Sheringham 200	Norfolk County Council	• 51

11. King's Lynn Hospital Management Committee

Secretary : B. M. CURTIS, A.H.A.,
St. James's Hpl.
Finance Officer : K. C. SHARP,
St. James's Hpl.
Chairman : Sir STEPHEN LYCETT GREEN, Bt.,
Ken Hill, Snettisham, King's Lynn, Norfolk.
Supplies Officer : B. M. CURTIS, A.H.A.,
St. James's Hpl.
Engineer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
West Norfolk and King's Lynn General Hpl., London Road, King's Lynn, Norfolk	King's Lynn 2255/6	J. E. Searjeant, F.C.C.S. Miss L. E. Armstrong	114	2 23								116 23		a, l, n, v
			20										20	
Swaffham Cottage Hpl., Swaffham, Norfolk	Swaffham 363	B. M. Curtis, A.H.A. Miss I. G. Taylor												
King's Lynn Isolation Hpl., Hardwick Road, King's Lynn, Norfolk	King's Lynn 2726	B. M. Curtis, A.H.A. Mrs. G. Cameron				20						20		
King's Lynn Smallpox Hpl., Wardales Chase, King's Lynn, Norfolk	King's Lynn 3082	B. M. Curtis, A.H.A.				12						12		
Stow Bardolph Maternity Home, Stow Bardolph, Downham Market, Norfolk	Downham Market 3178	B. M. Curtis, A.H.A. Matron : (n. y. a.)		30								30		
St. James' Hpl., Exton's Road, King's Lynn, Norfolk	King's Lynn 2019	E. A. Warnes Mrs. I. M. Warnes		3	77 55							80 55		x, y, z
Stow Vicarage Maternity Home, Stow Bardolph, Downham Market, Norfolk	Downham Market 3178	B. M. Curtis, A.H.A. Miss E. R. Wirth		16								16		
TOTAL BED COMPLEMENT			134	51 23	77 55	20 12						282 90		

11. King's Lynn Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Eastgate House, Gayton, King's Lynn, Norfolk	Gayton 202	Norfolk County Council	20
Howdale Home, Downham Market, Norfolk	Downham Market 2205	Norfolk County Council	99

12. Peterborough Area Hospital Management Committee

Secretary : C. MASTERMAN,
54, Park Road, Peterborough, Northants.
Tel. : Peterborough 4482.

Chairman : Major The Hon. C. DAWNAY,
Norman Cross, Peterborough, Northants.

Finance Officer : K. U. TOMSON, A.I.M.T.A.,
54, Park Road, Peterborough, Northants.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
North Cambridgeshire Hpl., The Park, Wisbech, Cambs	Wisbech 31	K. Spittlehouse, F.C.C.S., A.H.A. Miss A. M. Tinker, S.R.N., S.C.M.	65									65	6	c, l, n
	Doddington 281/2, 297	John Buckley Alan Conway, F.R.C.S. (Med. Supt.) Matron : (vacant)	100									100	8	n
Wisbech Isolation Hpl., Barton Road, Wisbech, Cambs	Wisbech 41	C. Masterman H. L. Groom, M.R.C.S., L.R.C.P., (Med Supt.) Miss E. G. Holdgate, S.R.N., R.F.N.				35 15						35 15		not yet open
	Bowthorpe Hall Clarkson Avenue, Wisbech, Cambs			24								24		
Maternity Home, Lynn Road, Wisbech, Cambs.	Wisbech 999	C. Masterman W. H. Carlisle, F.R.C.S. (Med. Supt.) Miss A. Johnstone, S.R.N., S.C.M. (Sister-in-charge)											2	
March Maternity Home, 2, Regent Avenue, March, Cambs	March 3176	C. Masterman Miss M. Knowles, S.R.N., S.C.M.		10								10		
Peterborough and District Memorial Hpl., Midland Road, Peterborough, Northants	Peterborough 2277/9	Frank A. C. Taylor F.C.I.S., F.H.A. G. F. Walker, M.D., M.R.C.F. (Med. Supt.) Miss M. L. Naismith, S.R.N.	154									154	8	a, d, l, n, r, u, v

12. Peterborough Area Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
T.B. Dispensary, Lynn Road, Wisbech, Cambs	Wisbech 497	C. Masterman													
		TOTAL BED COMPLEMENT	419	92	194	147 34	12	4		23		891 34	37		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institutions.

<i>Name and Address of Institution</i>	<i>Telephone</i>	<i>Name of Authority owning Institution</i>	<i>No. of Beds provided for H.M.C.</i>
St. John's Close, Peterborough, Northants	Peterborough 4075	Peterborough County Council	100
St. George's, Stamford, Lincs	Stamford 3333	Kesteven County Council	30

NORTH-WEST METROPOLITAN REGION

Area : The administrative counties of Bedford, Hertford (except the parts included in the East Anglian and North-East Metropolitan Regional Hospital Areas) and Middlesex (except the part included in the North-East Metropolitan Regional Hospital Area).

So much of the administrative county of Berks. as comprises the boroughs of Maidenhead and New Windsor; and the rural districts of Cookham, Easthampstead and Windsor. So much of the administrative county of Buckingham as comprises the borough of Slough; the urban districts of Beaconsfield and Eton; and the rural district of Eton. So much of the administrative county of London as comprises the metropolitan boroughs of Hampstead, Holborn, Islington, St. Marylebone and St. Pancras, the part of the metropolitan borough of Hammersmith lying north of Goldhawk Road and Stamford Brook Road, the part of the metropolitan borough of Kensington lying north of Holland Park Avenue, Notting Hill Gate and Bayswater Road, the part of the metropolitan borough of Paddington lying north of Bayswater Road, and the part of the metropolitan borough of Westminster lying north-east of Park Lane, and north of Constitution Hill, Birdcage Walk, Great George Street and Bridge Street.

Population : 3,768,976.

Regional Hospital Board

Address : 11a, Portland Place, London, W.1

Telephone : Museum 3380

Chairman of Board : F. Messer, J.P., M.P. (b)

Other Members : (a) Mrs. B. A. Beaumont, J.P., Mrs. Blofield, H. E. A. Boldero, Miss V. Dart, M. Hackett, Miss M. L. Hall, H. Joules, A. C. Morson, O.B.E.; (b) S. J. Cowell, A. S. Gough, Dr. W. J. T. Kimber, H. Lesser, O.B.E., Prof. J. M. Mackintosh, Miss M. Marriott, Sir Owen Morshead, K.C.V.O., D.S.O., M.C., Miss E. Rickards, Mrs. F. M. Suggate, J.P., H. W. C. Vines; (c) F. J. Ballard, D. H. Brinton, G. B. Jeffery, Miss K. G. Lloyd-Williams, Sir Alexander H. Maxwell, Alderman H. R. Neate, L. W. Plewes, A. G. de Rothschild, R. Stamp, S. J. L. Taylor, M.P.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

A. J. BENNETT, M.A.

Assistant Secretary :

B. J. LORD, B.A.

Treasurer :

A. L. A. WEST, A.H.A., F.I.M.T.A.

Assistant Treasurer :

G. McLACHLAN, B.COM., A.S.A.A.

Architect :

C. D. ANDREWS, F.R.I.B.A.

Senior Admin. Medical Officer :

H. M. C. MACAULAY, M.D., B.SC., D.P.H.

Psychiatrist :

C. KENTON, M.R.C.S., L.R.C.P.

Deputy Senior Medical Officer :

J. O. F. DAVIES, M.D., D.P.H., D.R.C.O.G.

Assistant Senior Medical Officer :

H. J. TRENCHARD, M.B., CH.B.

Teaching Hospitals within Region : The Royal Free Hospital, University College Hospital, The Middlesex Hospital, Charing Cross Hospital, St. Mary's Hospital, The Hammersmith, West London and St. Mark's Hospitals, The Hospital for Sick Children, The National Hospitals for Nervous Diseases, The Royal National Throat, Nose and Ear Hospital, St. John's Hospital for Diseases of the Skin, The Royal National Orthopaedic Hospital, The National Heart Hospital, St. Peter's and St. Paul's Hospitals, and The Eastman Dental Clinic.

1. Bedford Group Hospital Management Committee

Chairman: Major S. WHITBREAD, B.A., D.L., J.P.,
Southill Park, Nr. Biggleswade, Beds

Finance Officer: W. H. SHEPHARD,
St. Peter's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Bedford County Hpl., Kempston Road, Bedford	Bedford 2241	L. W. Bond, J.P. Miss B. Shand	171	15							16	202		a, l, n, t, u, v
Oakley Hill Isolation Hpl., Clapham, Nr. Bedford	Bedford 2042	Miss F. M. Weddle (Matron)				64						64		
Steppingley Isolation Hpl., Nr. Ampthill, Bedford	Flitwick 352	Miss E. Sutton (Matron)				42						42		
Daneswood Sanatorium, Woburn Sands, Nr. Bletchley, Bucks.	Woburn Sands 3113	Mrs. E. W. Johnson (Matron)					22 12					22 12		
Edgbury Convalescent Home, Woburn Sands, Nr. Bletchley, Bucks.	Woburn Sands 2131	Miss L. W. Orchard (Matron)									115*	115		n. *Convalescent
Bedfordshire Sanatorium, Mogerhanger Park, Nr. Bedford	Blunham 203	Miss L. I. Laslett Dr. W. E. Mashiter (Med. Supt.) Miss E. M. Evans									66 6	66 6		n
Bromham House Colony, Nr. Bedford	Oakley 295	J. W. F. Dew, F.H.A., F.C.R.A. Dr. R. G. Blake Marsh (Med. Supt.) Matron: (Vacant)								299		299		g, n, x
Homewood Convalescent Home, Aspley Heath, Nr. Bedford	Woburn Sands 2230										22*	22		
Biggleswade Isolation Hpl., Potton Road, Biggleswade, Beds.	Biggleswade 2125					47						47		
Biggleswade Smallpox Hpl., Langford Road, Biggleswade, Beds.						12						12		

1. Bedford Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
St. Peter's Hpl., Kimbolton Road, Bedford	Bedford 5401	W. G. Ball, F.H.A. Mrs. F. M. Ball	46	29	93		3	2				213		l, n. †Part III accom- modation
			68		40					40†			108	
Chest Clinic, St. Peter's Hpl., Bedford	Bedford 5401	Dr. N. R. Wynn Williams (Physician-in-charge)												
TOTAL BED COMPLEMENT			217	44	93	165	25	2	299	243	16	939		
			68		40		12			6		291		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institutions	No. of Beds provided for H.M.C.
St. Andrew's Hpl., London Road, Biggleswade, Beds.	Biggleswade 2137	Bedfordshire County Council	83
St. George's Hpl., Dunstable Street, Ampthill, Beds.	Ampthill 63	Bedfordshire County Council	40

2. Luton and Hitchin Group Management Committee

Secretary: R. E. LINGARD, F.H.A.,
Luton and Dunstable Hpl.

Chairman: H. I. GODFREY,
"The Red House," Silsoe, Beds.

Supplies Officer: W. RADFORD, A.H.A.,
c/o St. Mary's Hpl.

Finance Officer: A. C. NICHOLLS, A.S.A.A.,
Luton and Dunstable Hpl.

Engineer: A. E. DAVIES,
Luton and Dunstable Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
North Herts. and South Beds. Hpl., Bedford Road, Hitchin, Herts.	Hitchin 586	Miss K. Barker Miss H. J. Godden	76									76		c, n, p, t, u
Letchworth Hpl., Baldock Road, Letchworth, Herts.	Letchworth 21 (<i>Hpl.</i>) 292 (<i>Sec.</i>)	R. H. Flemming Miss B. Drummond	29 9									29 9		n, u

2. Luton and Hitchin Group Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total
Foxholes Maternity Home, Pixton Road, Hitchin, Herts.	Hitchin 642	Miss F. Sugden (Sister-in-charge)		9 27								9 27		n
Letchworth Isolation Hpl. Letchworth, Herts.	Letchworth 13	Miss D. R. Hinkins (Matron)				32 20						32 20		
German Convalescent Home, Benslow Lane, Hitchin, Herts.	Hitchin 85	Miss E. J. Gale (Matron)								40*		40		* Convalescent
Home Hpl. for Women, London Road, Stevenage, Herts.	Stevenage 224	Miss A. L. M. Storey (Matron)			4					16*		20		n
Luton and Dunstable Hpl., Dunstable Road, Luton, Beds.	Luton 3100	R. E. Lingard, F.H.A. Miss M. E. Redman	183 24				7					190 24	8	a, d, l, n, t, u, v
Luton Maternity Hpl., 770, Dunstable Road, Luton, Beds.	Luton 2202	Miss I. K. Richer A. C. Galloway, M.B., M.R.C.O.G. (Senior Obstetrical Officer) Miss B. Ward		27								27		p, t, u
Luton Maternity Hpl. Annexe, Chaul End, Luton, Beds.	Luton 2873	Miss I. K. Richer A. C. Galloway, M.B., M.R.C.O.G. (Senior Obstetrical Officer) Miss B. Ward		15								15		t, u
Luton Maternity Hpl. Extension, Grove Road, Luton, Beds.	Luton 2873	Miss I. K. Richer A. C. Galloway, M.B., M.R.C.O.G. (Senior Obstetrical Officer) Miss B. Ward		30								30		t, u
Luton and Dunstable Hpl. (Children's [Annexe]), London Road, Luton, Beds.	Luton 672, 1184	R. E. Lingard, F.H.A. S. O. Purcell, M.R.C.S., M.R.C.P. (Med. Supt.) Miss M. E. Redman	28 28									28 28		n, u
Spittleslea Isolation Hpl., Kimpton Road, Luton, Beds.	Luton 328	Miss M. J. Kelly (Matron)				46 32						46 32		n
Dunstable Hpl., Kensworth Lane, Dunstable, Beds.	Dunstable 72	Miss A. C. Cooper (Matron)				26 20						26 20		

3. Arlesey Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
P. H. WHALEY, F.H.A.,
Three Counties Hpl.

Chairman: Dr. C. W. BOWER, L.M.S.S.A.,
Springfield House, Kempston, Bedford

Engineer: F. J. CROUCH,
Three Counties Hpl.

Hospital	Telephone	Senior Officers	Bed Complement													
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes		
Three Counties Hpl., Arlesey, Beds.	Arlesey 44	N. McDiarmid, M.B., CH.B., D.P.M. (Med. Supt.)							1,258					1,258		f, l, v, w
		Miss M. J. Phillips, S.R.N., C.M.B.													1,258	
TOTAL BED COMPLEMENT									1,258					1,258		

4. Windsor Group Hospital Management Committee

Secretary: G. WESTON, F.H.A.,
Community Centre, Farnham Road, Slough, Bucks.
Tel.: Slough 20258

Finance Officer: E. ROBSON, A.I.M.T.A., A.S.A.A.,
Community Centre, Farnham Road, Slough, Bucks.

Chairman: Sir ARTHUR NOEL MOBBS, K.C.V.O., O.B.E.,
Stoke Park, Slough, Bucks.

Supplies Officer: R. F. FORD, A.H.A., M.R.I.P.H. & H.,
Community Centre, Farnham Road, Slough, Bucks.

Engineer: L. BALL, A.M.I.MECH.E.,
Community Centre, Farnham Road, Slough, Bucks.

Upton Hpl., Slough, Bucks.	Slough 23264	T. A. Pywell, A.H.A. Miss M. Hatch, S.R.N., S.C.M.	72	26	72					143*		313		l, n. *Part III accom- modation
Iver, Denham and Langley Cottage Hpl., Iver, Bucks.	Iver 15	F. A. Fairweather Miss A. M. Darvill, S.R.N., S.C.M.	20 4									20 4		n
St. Mark's Hpl., Maidenhead, Berks.	Maidenhead 305	W. E. Whittingham, A.H.A. Mrs. E. Whittingham, S.R.N., S.C.M.		36	119					72*		227		n
Canadian Red Cross Memorial Hpl., Taplow, Bucks.	Burnham 543	G. L. Davis, A.H.A. Miss J. S. Baughan, S.R.N., S.C.M.	119 215	34						82*		235 215		a, l, m, n, o, t, u
Old Windsor Hpl., Old Windsor, Berks.	Windsor 1483	P. L. W. Hunt, A.H.A. Miss J. K. Robson, S.R.N., S.C.M.	95	34	75				7	106* 114		317 114		n
King Edward VII Hpl., Windsor, Berks.	Windsor 883	A. C. Wright, A.H.A. A.C.I.S., Miss S. A. Schofield, S.R.N., S.C.M.	181								24	205		a, l, n, t, u, v
Maidenhead Hpl., St. Luke's Road, Maidenhead, Berks.	Maidenhead 1361	Mrs. R. Godfrey Miss E. Miller, S.R.N., S.C.M.	93								7	100		a, l, n, t, u
Royal Victoria Cottage Nursing Home, Ascot, Berks.	Ascot 35	W. Squires, F.H.A. Miss E. A. Rankin, S.R.N.	7								1	8		n

4. Windsor Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Maidenhead Isolation Hpl., Maidenhead, Berks.	Maidenhead 487	W. E. Whittingham, A.H.A. Miss M. Brown, S.R.N., S.C.M.				22 32								22 32	n
Slough Isolation Hpl., Cippenham, Bucks.	Slough 22885	T. Pywell, A.H.A. Miss M. Manning, S.R.N., R.F.N.				37 27								37 27	n, u
Heatherwood Hpl. School, Ascot, Berks.	Ascot 42	W. Squires, F.H.A. Dr. L. A. Key (Med. Supt.) Miss E. C. Key, S.R.N., R.N.R.	65				151 34							216 34	c, n, u
Colinswood Maternity Home, Farnham Common, Slough, Berks.	Farnham Common 446	G. L. Davis, A.H.A. Miss E. M. Allardyce, S.R.N., S.C.M.		21										21	n
Church Hill House Hpl., Easthampstead, Bracknell, Berks.	Bracknell 3	H. Revell Mrs. J. Revell, S.R.N., S.C.M.							137 37					137 37	l, n, x
Princess Christian Maternity Home, Windsor, Berks.	Windsor 428	W. Bond Miss V. Collin, S.R.N., S.C.M.		11										11	n
Pinewood Sanatorium, Wokingham, Berks.	Crowthorne 34	E. J. Brady W. C. Fowler, M.B., B.S. (Med. Miss H. Aylmer, S.R.N. [Supt.]					150 58							150 58	c, l, n, r
Orthopaedic Clinic, King Edward VII Hpl., Windsor, Berks.															
T.B. Dispensary, St. Mark's Hpl., Maidenhead, Berks.															
T.B. Dispensary, King Edward VII Hpl., Windsor, Berks.															
Clarefield Court Hpl., Marlow Road, Pinkneys Green, Maidenhead, Berks.		Mrs. A. E. Coombes, S.R.N., S.C.N., R.M.P.A. (Matron)													
TOTAL BED COMPLEMENT			652 215	162	266	59 59	301 92		144 37	403 114	32	2,019 517			

5. Barnet Group Hospital Management Committee

Secretary: SYDNEY F. WILSHIRE, F.C.I.S., A.L.A.A.,
1, Wellhouse Lane, Barnet, Herts.
Tel.: Barnet 2258

Finance Officer: J. B. KELLY, A.H.A.,
1, Wellhouse Lane, Barnet, Herts.
Tel.: Barnet 7341

Chairman: MAURICE HACKETT,
34, Potters Lane, New Barnet, Herts.

Supplies Officer: L. W. JEFFRIES, A.H.A.,
1, Wellhouse Lane, Barnet, Herts.
Tel.: Barnet 7341

Hospital	Telephone	Senior Officers
Wellhouse Hpl (2), Wellhouse Lane, Barnet, Herts.	Barnet 0051	H. L. Barnfather H. Roland Segar, M.B., CH.B. (Med.) Miss E. H. Lister [Director]
Finchley Memorial Hpl (1), Granville Road, Finchley, London, N.12	Finchley 1195	T. E. Jarvis, A.H.A., F.I.A.C. Miss D. L. Owen
Victoria Hpl. (2), Wood Street, Barnet, Herts.	Barnet 2226	Miss K. M. H. James (Matron)
Potters Bar and District Hpl. (1), Mutton Lane, Potters Bar, Middx.	Potters Bar 3286	Miss B. M. West (Matron)
Barnet Isoation Hpl., Mays Lane, Barnet, Herts.	Barnet 0241	
Clare Hall Hpl. (3), South Mimms, Nr. Barnet, Herts.	South Mimms 2182	Admin. Officer; (Vacant) Dr. F. A. H. Simmonds, M.A., M.D., D.P.H. (Med. Supt.) Miss A. R. Spall
Winifred House Convalescent Hpl. for Children (1), Arkley, Barnet, Herts.	Barnet 3343	Miss E. McRobert (Matron)
Danesbury Convalescent Home (3), Welwyn, Herts.	Welwyn 426	Miss E. M. Watts (Matron)
Finchley Chest Clinic (3), 980, High Road, London, N.20	Hillside 6681	Miss B. A. Butterworth, M.R.C.S., L.R.C.P., M.B. (Physician to the Clinic)

5. Barnet Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Physiotherapy Clinic (1), Station Road, New Barnet, Herts.	Barnet 6228	Miss M. S. Johnson (Physio- therapist)												
		451	63	98	12	404			93	40	1,161			
		TOTAL BED COMPLEMENT	24				143				9	176		

SUB-GROUPING

- (1) No. 1 Hospital Sub-Committee Sub-Group

(2) No. 2 Hospital Sub-Committee Sub-Group

(3) No. 3 Hospital Sub-Committee Sub-Group
- Chief Administrative Officer:—T. E. JARVIS, A.H.A., F.I.A.C., 1, Wellhouse Lane, Barnet, Herts.

Chief Administrative Officer:—SYDNEY F. WILSHIRE, F.C.I.S., A.L.A.A., 1, Wellhouse Lane, Barnet, Herts.

6. Friern Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
W. A. FRANKCOMBE, F.H.A.,
Friern Hpl.

Chairman: Mrs. D. ARCHIBALD, M.A.(ECON.), B.SC.(PSYCH),
5, Hanover House, Regents Park, London, N.W.8.

Engineer: S. J. CRIDGE,
Friern Hpl.

Friern Hpl., New Southgate, London, N.11	Enterprise 3461	W. A. Frankcombe, F.H.A.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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7. Mid Herts Group Hospital Management Committee

Secretary: F. STANFORD,
Osterhills Hpl.

Finance Officer: H. S. HALLAM, A.S.A.A.,
Osterhills Hpl.

Supplies Officer: E. J. BURGESS,
Osterhills Hpl.

Engineer: H. MERCER, A.M.I.E.E.,
Hill End Hpl.

St. Albans and Mid Herts. Hpl., Church Crescent, St. Albans, Herts.	St. Albans 4454	Miss M. G. Smith (Matron)	110									110		c, l, m, n, t, u, v
Welwyn Garden City Cottage Hpl., Church Road, Welwyn, Herts.	Welwyn Garden 269	Mrs. E. Turner								19	1	20	2	n, u

7. Mid Herts Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
St. Albans Joint Isolation Hpl., Folly Avenue, St. Albans, Herts.	St. Albans 259	Miss B. Gordon (Matron)				92						92		<i>l, n</i>
Pear-tree Maternity Home, Pear-tree Lane, Welwyn Garden City, Herts.	Welwyn Garden 577	Mrs. E. Turner Miss K. A. Newman		30								30		<i>n</i>
Hill End Hpl., Hill End, St. Albans, Herts.	St. Albans 5555	S. E. Sheppard, F.H.A. Dr. W. J. Kimber (Med. Supt.) Miss C. Connor	452					366				818		<i>a, f, l, n, t, u, v, w</i>
Osterhills Hpl., Normandy Road, St. Albans, Herts.	St. Albans 2211	E. S. Green Mrs. L. J. Green	148	22	24		6			179*		379		<i>n, u.</i> *Pt. III accom- modation
T.B. Dispensary, 179, Victoria Street, St. Albans, Herts.														
Brickett House Nursing Home, Bricknet Road, St. Albans, Herts.		Miss G. Cladd (Matron)	22†									22		†Available for acute and maternity cases
Physiotherapy Clinic, "Northcotts," Great North Road, Hatfield, Herts.														
T.B. Dispensary, "Northcotts," Great North Road, Hatfield, Herts.														
Orthopaedic and Physiotherapy Clinic, Bricknet Road, St. Albans, Herts.														
Physiotherapy Clinic, Lawrence Hall, Welwyn Garden City, Herts.														
TOTAL BED COMPLEMENT			710	52	24	92	6	366		198	1	1,449	22	

7. Mid Herts Group Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Welfield Home for Aged Ladies, Hatfield, Herts.	Hatfield 2087	Hertfordshire County Council	20

8. Cell Barnes and Middlesex Colony Hospital Management Committee

Secretary: D. T. JAMES, A.H.A.,
Middlesex Colony,
Finance Officer and Supplies Officer: F. A. J. Gough,
Cell Barnes Colony

Chairman: The Lord FARRER, B.A.,
Puddephatts Farm, Markyate, Hertfordshire
Engineer: F. J. BUTLER, M.I.H.E.,
Middlesex Colony

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Cell Barnes Colony, St. Albans, Herts. (with Tenterden House as ancillary premises)	St. Albans 2040/1	F. A. J. Gough Noel H. M. Burke, M.R.C.S., L.R.C.P., D.P.M., D.M.R.E. (Med. Supt.) Miss P. C. Challans, S.R.N., R.M.P.A. N. Dalziel, R.M.P.A., G.N.C. (Chief Male Nurse)						629				629		g, l, m, n, x
Middlesex Colony, Harper Lane, Shenley, Nr. St. Albans, Herts.	Radlett 5661-2	D. T. James, A.H.A. Dr. E. D. Taylor, M.B., B.S.(MEL- BOURNE), D.P.M. (Med. Supt.) Miss I. J. Sibbald, R.G.N., R.M.N., C.M.B., R.M.P.A. A. H. White, R.M.P.A. (Chief Male Nurse)						1,488				1,488		g, l, m, x
		TOTAL BED COMPLEMENT						2,117				2,117		

9. West Herts Hospital Management Committee

Secretary: H. M. MASKELL, F.H.A.,
9, Rickmansworth Road, Watford, Herts.
Tel.: Watford 7233/4

Chairman: A. BLACKLEY, J.P.,
Reay, Aldenham Road, Bushey, Herts.

Finance Officer: J. PRICE JONES, A.H.A.,
9, Rickmansworth Road, Watford, Herts.
Tel.: Watford 7233/4

Watford Peace Memorial Hpl., Rickmansworth Road, Watford, Herts.	Watford 5611	C. Hopkinson Miss E. Saunders	179									179		a, l, m, t, u, v
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9. West Herts Hospital Management Committee—*Cont.*

[illegible]

9. West Herts Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Orthopaedic and Physiotherapy Clinic, 23, Grosvenor Road, Watford, Herts.	Watford 3936	TOTAL BED COMPLEMENT	516	102	262	20	35	32							u
			33	101	115					103		967			
												352			

10. Leavesden Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
C. St. G. Cook, F.H.A., D.P.A.,
Leavesden Hpl.

Chairman: E. Smith, L.C.C.,
38, Parliament Hill, Hampstead, London, N.W.3.

Engineer: R. F. Myers,
Leavesden Hpl.

Leavesden Hpl., Abbots Langley, Nr. Watford, Herts.	Garston 2222	C. St. G. Cook, F.H.A., D.P.A. J. H. Watkin, M.D.(LOND.), D.P.M. (Med. Supt.) Miss A. L. Pegler, S.R.N., R.M.P.A.							800	1,256			2,056	g, l, n, x, y
TOTAL BED COMPLEMENT									800	1,256			2,056	

11. Hendon Group Hospital Management Committee

Secretary: J. Fielding, F.H.A., A.R.S.N.I.,
Edgware General Hpl.

Chairman: County Alderman Mrs. F. M. Suggate, B.Sc., J.P.,
90, Brookside Road, London, N.W.11

Supplies Officer: I. B. Warham, F.H.A.,
Edgware General Hpl.

Finance Officer: R. G. Field, A.I.M.T.A.,
Edgware General Hpl.

Engineer: E. Suttle, M.I.E.C.,
Edgware General Hpl.

Edgware General Hpl., Edgware, Middx.	Edgware 8181	J. Fielding, F.H.A., A.R.S.N.I. J. N. Deacon, M.C., B.S., M.B. (Med. Supt.) Miss E. R. Wheeldon	471 61	122			50					643 61		a, d, l, n, o, t, u, v
Hendon District Hpl., 357, Hendon Way, London, N.W.4	Hendon 2251	Miss N. M. Ault Miss M. E. Barker	65									65	19	c, l, n, t
Hendon Isolation Hpl., Goldsmith Avenue, London, N.W.9	Colindale 8182	S. Henser J. A. Livingston, M.D., B.S., D.P.H. (Med. Supt.) Miss L. Clark				64 46						64 46		j, l, n
Colindale Hpl., Colindale Avenue, The Hyde, London, N.W.9	Colindale 7276	A. S. Martin, F.H.A. W. E. Snell, M.D., F.R.C.P., D.P.H., M.A., B.Sc. (Med. Supt.) Miss A. F. Thompson					180 44					180 44		c, e, l, n

11. Hendon Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Bushey Maternity Hpl., Heathbourne Road, Bushey Heath, Herts.	Bushey Heath 1655	Matron: (Vacant)		86								86		n, p
Stanmore Cottage Hpl., Old Church Lane, Stanmore, Middx.	Grimsdyke 257		10									10		n
Roxbourne Hpl., Rayners Lane, South Harrow, Middx.	Byron 1450	Matron: (Vacant)			18 34							18 34		n, t
Oxhey Grove Hpl., Oxhey Lane, Hatch End, Middx.	Hatchend 1661	Miss M. A. Slack (Matron)			42							42		n, t
Harrow Chest Clinic, 53, Greenhill Crescent, Harrow, Middx.	Harrow 1075	Dr. H. J. Trenchard (T.B. Officer)												
Redhill Chest Clinic, Edgware General Hpl., Edgware, Middx.	Edgware 8181	Dr. N. McDonald (T.B. Officer)												
North London Blood Supply Depot, Shaftesbury Avenue, New Barnes, Herts.	Barnet 0169													
TOTAL BED COMPLEMENT			546 61	208	60 34	64 46	230 44					1,108 185	19	

12. Shenley and Napsbury Hospital Management Committee

Secretary: E. S. NEWELL, A.H.A., Napsbury Hpl.		Chairman: Alderman C. H. KNIFTON, 217, Darkes Lane, Potters Bar, Middx.	
Finance Officer and Supplies Officer: A. J. PAICE, Shenley Hpl.		Engineer: (n.y.a.)	
Shenley Mental Hpl., Shenley, Herts.	Radlett 5631	A. J. Paice O. W. Fitzgerald, M.A., M.C., B.CH., D.P.M. (Med. Supt.) Miss B. Tweddle, R.R.C., S.R.N., S.R.M.N., S.C.M. A. Cook (Chief Male Nurse)	f, l, m, n, u, v, w

12. Shenley and Napsbury Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Napsbury Hpl., Napsbury, Nr. St. Albans, Herts.	London Colney 2181	E. S. Newell, A.H.A. S. A. MacKeith, O.B.E., M.R.C.S., L.R.C.P., D.P.M. (Med. Supt.) Miss A. Turner, S.R.N., R.M.N., R.M.P.A. T. H. Hunter, S.R.N., R.M.N. (Chief Male Nurse)					49	1,937 95					1,986 95		f, l, m, n, u, v, w
TOTAL BED COMPLEMENT							97	3,814 223					3,911 223		

13. Staines Hospital Management Committee

Secretary: R. J. LOMER, F.H.A.,
Ashford Hpl.

Finance Officer: W. O. JONES, A.L.A.A.,
Ashford Hpl.

Chairman: A. J. FIELDER., J.P., C.C.,
3, Hartham Road,
Isleworth, Middx.

Supplies Officer: N. V. WRIGHT, A.H.A., A.R.S.A.N.I.,
Ashford Hpl.

Engineer: E. V. PIKE,
Ashford Hpl.

Ashford Hpl., London Road, Ashford, Middx.	Ashford 3271	R. J. Lomer, F.H.A. G. Stephen, M.B., CH.B., F.R.C.S. (EDIN.) (Med. Supt.) Miss E. P. McWilliam, S.R.N., C.M.B.	363 112		108		56					527 112		a, l, n, t, u, v
Staines Hpl., Kingston Road, Staines, Middx.	Staines 3444	Miss G. M. Mickelwright Miss E. J. Hird, S.R.N.								32	3	35		n, u
Staines Isolation Hpl., (part of Ashford Hpl.)														
Hounslow Hpl., Staines Road, Hounslow, Middx.	Hounslow 4448	D. S. Tibbenham Miss M. M. Powlison, S.R.N., S.C.M.								77	4	81		c, n, u
Hounslow Chest Clinic, 28, Bell Road, Hounslow, Middx.	Hounslow 6217													t, u
TOTAL BED COMPLEMENT			363 112		108		56			109	7	643 112		

14. St. Bernard's Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
T. J. BELBIN, F.H.A., D.P.A.,
St. Bernard's Hpl.

Chairman: L. G. BANKS, L.C.C.,
St. Bernard's Hpl.

St. Bernard's Hpl.		Bed Complement													
Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
St. Bernard's Hpl., Southall, Middx.	Southall 2256	T. J. Belbin, F.H.A., D.P.A. C. K. Birnie, M.C. (LOND.), M.R.C.S. (LOND.), D.P.M. (Med. Supt.) Miss S. D. Gunn W. V. Lawrence (Chief Male Nurse)						2,291					2,291		f, l, m, w
		TOTAL BED COMPLEMENT											2,291		

15. Uxbridge Group Management Committee

Secretary: H. L. PURDOM,
Uxbridge Isolation Hpl.

Finance Officer: P. ROBINS,
Uxbridge Isolation Hpl.

Chairman: (vacant)

Supplies Officer: C. ABEL, F.H.A.,
Uxbridge Isolation Hpl.

Engineer: R. F. DAGLISH,
Hillingdon Hpl.

											a, l, m, n, p, t, u, v
Hillingdon Hpl., Hillingdon, Nr. Uxbridge, Middx.	Uxbridge Isolation Hpl. 	W. A. Steel, M.D., F.R.C.P. (Med. Director) Miss E. Hagland	354 116	64	180						598 116
Uxbridge and District Cottage Hpl., Harefield Road, Uxbridge, Middx.	Uxbridge 85	Miss M. Byrne (Matron)	20						4		24
Hayes Cottage Hpl., Grange Road, Hayes, Middx.	Hayes 2052	Miss D. Paulin (Matron)	8 13						1		9 13
Uxbridge Isolation Hpl., Kingston Lane, Uxbridge, Middx.	Uxbridge 5120	Miss D. Wilber (Matron)				22 62					22 62
Harlington, Harmondsworth and Cranford Cottage Hpl., Sipson Lane, Viewsley, Middx.	West Drayton 2086	Miss E. M. Martin (Matron)		7 7						n	7 7

15. Uxbridge Group Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Uxbridge Convalescent Hpl., Harefield Place, Uxbridge, Middx.	Uxbridge 1478	W. A. Steel, M.D., F.R.C.P. (Med. Director) Miss A. B. Caskie		12						32*		44		*Convalescent
Southall-Norwood Hpl., The Green, Southall, Middx.	Southall 2616	Miss D. M. Spriggs (Matron)	22		4						2	28		n, u
Mount Pleasant Hpl., North Road, Southall, Middx.	Southall 0068	Nicol Roe, M.D., CH.B., D.P.H. (Med. Officer) Miss E. James					20 30					20 30		
Uxbridge Chest Clinic, Local County Offices, Uxbridge, Middx.	Uxbridge 2093	Nicol Roe, M.D., CH.B., D.P.H. (Med. Officer)												
TOTAL BED COMPLEMENT			404 129	83 7	184	22 62	20 30			32	7	752 228		

16. Harefield and Northwood Hospital Management Committee

Secretary: F. A. WATSON, F.H.A., A.I.A.C.,
Mount Vernon Hpl. Tel.: Northwood 2665

Finance Officer: L. G. HARRALD, A.I.M.T.A.,
Mount Vernon Hpl. Tel.: Northwood 2665

Northwood Pinner and District Hpl.,
Pinner Road,
Northwood, Middx.

Pinner
182

Mount Vernon Radium Institute,
Mount Vernon Hpl.,
Northwood, Middx.

Northwood
1234

Mount Vernon Radium Institute,
(Out Patient Department),
59, Portland Place,
London, W.1.

Welbeck
0511

Marie Curie Hpl.,
66, Fitzjohn's Avenue,
London, N.W.3

Hampstead
3150

Chairman: County Alderman Mrs. E. DANIELS,
5, Earl's Court Square, London, S.W.5

Supplies Officer: A. L. PEARMUND, A.H.A.,
Mount Vernon Hpl. Tel.: Northwood 2665

36												36		aa, u
220 200	20									164*	9	413 200		t, u. *Cancer
														t, u
										44*	6	50		t

16. Harefield and Northwood Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Harefield Hpl., Harefield, Middx.	Harefield 2181/5	K. R. Stokes, M.R.C.S., L.R.C.P. (Med. Supt.) Miss B. A. Shaw, S.R.N.	52		18		373 292					443 292		c, e, n, t
			308 200		38		373 292			208	15	942 492		
		TOTAL BED COMPLEMENT												

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

<i>Name and Address of Institution</i>	<i>Telephone</i>	<i>Name of Authority owning Institution</i>	<i>No. of Beds provided for H.M.C.</i>
Grim's Dyke Rehabilitation Unit, Harrow Weald, Harrow, Middx.	Bushey Heath 1710	Middlesex County Council	50

17. South West Middlesex Hospital Management Committee

Secretary: R. A. MICKELWRIGHT, F.H.A.,
1, Churchfield Road, Ealing, London, W.13.
Tel.: Ealing 8051

Finance Officer: E. S. GREEN, F.I.M.T.A.,
7, Churchfield Road, Ealing, London, W.13.
Tel.: Ealing 8051

Supplies Officer: J. D. GUNNIS,
1, Churchfield Road, Ealing, London, W.13.
Tel: Ealing 8051

Engineer: J. CRAIG, A.M.I.MECH.E., M.T.E. & S.,
West Middlesex Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
West Middlesex Hpl., Twickenham Road, Isleworth, Middx.	Hounslow 2311	R. L. Galloway, M.B., CH.B., F.R.C.S. (Med. Supt.) Miss A. M. D. Leslie	752	108	200		64	130		365		1,254 365		a, d, l, n, o, t, u, v, z
Marrowells Maternity Annexe, Weybridge, Surrey (Annexe of West Middlesex Hpl.)	Walton 2696	R. L. Galloway, M.B., CH.B., F.R.C.S. (Med. Supt.) Miss A. M. D. Leslie		64								64		
Teddington, Hampton Wick and District Memorial Hpl., Hampton Road, Teddington, Middx.	Molesey 2888	Miss M. E. Preece, A.H.A. Mrs. L. F. Nicholls	51*									51	7	u. *Acute or chronic

17. South West Middlesex Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
St. John's Hpl., Amyand Park Road, Twickenham, Middx.	Popesgrove 1856	G. F. Chenery Miss W. G. Ketcher									34*		34		n, u *Medical, surgi- cal or chronic
Brentford Hpl., Boston Manor Road, Brentford, Middx.	Ealing 1800 (Hpl.) 2874 (Sec.)	Miss E. D. Jex Miss E. D. Weale									33*		33	4	n, u
St. Mary's Cottage Hpl., Upper Sunbury Road, Hampton-on-Thames, Middx.	Molesey 273	Miss G. L. Hill Miss C. L. M. Prentice									24*		24	2	n, u
South Middlesex Fever Hpl., Mogden Lane, Isleworth, Middx.	Popesgrove 2841	A. L. K. Rankin, M.D., M.B., (H.B., D.P.H. (Med. Supt.) Miss M. J. Derrick				72 72							72 72		j
King Edward Memorial Hpl., Mattock Lane, Ealing, London, W.13	Ealing 4081	R. A. Mickelwright, F.H.A. Miss A. F. Sharp									161*		161	7	a, l, n, t, u
Queen Victoria War Memorial Hpl., Green Lane, Hanwell, London, W.7	Ealing 0239	Mrs. E. M. Sidders, A.H.A. Miss E. M. Brind									25*		25	2	n
Chiswick Hpl., Netheravon Road, London, W.4	Chiswick 1042	R. L. Galloway, M.B., CH.B., F.R.C.S. (Med. Supt.) Miss A. M. D. Leslie	70										70		o
Perivale Maternity Home, Perivale, Middx.	Perivale 4612	W. G. Booth, M.D., B.S., D.P.H. (Med. Supt.) Miss M. P. Gardner	48										48		n, o
Clayponds Isolation Hpl., South Ealing, London, W.5	Ealing 2080	W. G. Booth, M.D., B.S., D.P.H. (Med. Supt.) Miss I. Gregory				58 82							58 82		j, n, t
Ealing Chest Clinic, Green Man Passage, Ealing, London	Ealing 2667	J. V. Hurford, M.D., M.R.C.P., D.P.H. (Med. Officer-in-charge)													
Norwood Hall, Norwood Green, Southall, Middx.	Southall 3524	Miss M. B. McNeece (Matron)			54								54		n
TOTAL BED COMPLEMENT			803	290	254	130 154	64	130		277 365		1,948 519	22		

18. Central Middlesex Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Willesden Chest Clinic, Pound Lane, London, N.W.10	Willesden 6254	C.H.C. Toussaint, M.R.C.S., L.R.C.P., D.P.H. (Physician to the Clinic)												t, u
Willesden Physical Treatment Centre (1), 159, Willesden Lane, London, N.W.6	Willesden 2960	Miss E. M. Rooff, A.R.R.C., C.S.P. (Physiotherapist Supt.)												u
Child Guidance Training Centre (3), 6, Osnaburgh Street, London, N.W.1	Euston 3611	Wm. Moodie, M.D., F.R.C.P. (Med. Director)												u, v
Social Psychotherapy Centre (3), 7, Fellows Road, Hampstead, London, N.W.3	Primrose 6770	Joshua Bierer, M.D., D.ECON. (Vienna) DIPL.IND.PSYCH.(Adler) (Med. Director)												u, v
TOTAL BED COMPLEMENT			729 34	102 45	143 30	100 100	58	16				22 25	1,170 234	

SUB-GROUPING

- (1) Forming part of Sub-Group
- (2) Forming part of Sub-Group
- (3) Forming part of Sub-Group
- Senior Administrative Officer:—J. N. DRAKE, F.H.A., F.C.R.A., Willesden General Hpl.
- Senior Administrative Officer:—H. JOULES, M.D., F.R.C.P., Central Middlesex Hpl.
- Senior Administrative Officer:—(n.y.a.)

19. Archway Group Hospital Management Committee

Secretary: R. E. GODFREY, F.H.A.,
Administrative Offices, St. Mary Islington Hpl.
Tel.: Archway 4371-3

Finance Officer: N. TURNER, F.H.A., F.C.C.S.,
Administrative Offices, St. Mary Islington Hpl.

St. Mary Islington Hpl. (1),
Highgate Hill,
London, N.19

Highgate Hpl. (1),
Dartmouth Park Hill,
London, N.19

Chairman: Mrs. H. B. LEES-SMITH,
77, Corringham Road, London, N.W.11

Supplies Officer: R. T. NUNN,
Administrative Offices, St. Mary Islington Hpl.

Engineer: Major S. W. WHITE, A.M.I.MECH.E., A.M.I.N.A.,
M.I.MAR.E.
Administrative Offices, St. Mary Islington Hpl.

Archway 1626	G. Handford, F.H.A., C. D. Coyle, M.B., B.CH., B.A.O. (Med. Supt.) Miss M. M. Travers	434	74									508 184	a, d, l, n, o, t, u, v
Archway 2681	J. W. Parslow C. D. Coyle, M.B., B.CH., B.A.O. (Med. Supt.) Miss D. M. Nicholls	200			63					184		263 156	a, l, n, t, u

19. Archway Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										P.P.	Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		
Archway Hpl. (1), Archway Road, Highbury, London, N.19	Archway 2668	D. J. McCarthy, A.H.A., A.R.S.N.I. C. D. Coyle, M.B., B.CH., B.A.O. (Med. Supt.) Miss M. W. O'Donnell	300		24		48			48		372 48	a, l, n, t	
Hornsey Central Hpl., Park Road, Crouch End, London, N.8	Mountview 6244	A. C. Floyd Miss M. M. Dant	48		7						6	61	c, n, u	
Alexandra Maternity Home, 11, Alexandra Park Road, Muswell Hill, London, N.10	Tudor 1759	Miss G. M. Howell (Matron)		29								29	p	
Santa Claus Home for Sick Children, 55, Cholmeley Park, Highbury, London, N.6	Mountview 4924	Miss G. Vergette	14 12									14 12		
Home for Confirmed Invalids, 1, Highbury Terrace, Highbury, London, N.5	Canonbury 2939	Miss E. I. Kilner (Matron)			26 10						12	26 10	aa, n	
Mildmay Memorial Hpl., 24, Newington Green Road, London, N.1	Clissold 0689	Miss I. D. Goudge C.F. Stott, M.B., CH.B. (Med. Supt.) Miss E. Wheatley	20		10							42	n	
Mildmay Memorial Hpl., Maternity Annexe, 2-4, Newington Green, London, N.1	Clissold 6133	Miss I. D. Goudge C. F. Stott, M.B., CH.B. (Med. Supt.) Miss E. Wheatley		17								17		
New End Hpl. New End, Hampstead, London, N.W.3	Hampstead 5444	P. J. Allen, F.H.A. J. E. Percy, F.R.C.S. (Med. Supt.) Miss C. M. Bernard	132	30	17					61		179 61	a, d, l, n, o	
T.B. Dispensary, 75, Dynham Road, Kilburn, London, N.W.6	Maida Vale 1692												Linked with L.C.C. administration	
T.B. Dental Clinic, Electricity Yard, Lithos Road, Hampstead, London, N.W.3	Primrose 4421						111			449	18	1,511 471	Linked with L.C.C. administration	
TOTAL BED COMPLEMENT			1,148 12	150	84 10		111			449	18	1,511 471		

SUB-GROUPING

(1) Archway Group of Hpls. Sub-Group Senior Administrative Officer:—C. D. COYLE, M.B., B.Ch., B.A.O.

20. Northern Group Hospital Management Committee

Secretary: GILBERT G. PANTER, F.H.A.,
Royal Northern Hpl.

Finance Officer: W. P. L. STRETTON, A.H.A.,
Royal Northern Hpl.

Chairman: M. W. GORDON, J.P., F.G.I.,
St. Kitts, Shakespeare Road, Worthing, Sussex

Supplies Officer: J. WHELAN,
Royal Northern Hpl.

Engineer: A. W. SPAIN, D.C.M.,
Royal Northern Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Royal Northern Hpl. (1), Holloway, London, N.7	Archway 2211	Gilbert G. Panter, F.H.A. J. C. B. Serjeant, M.B., CH.B., F.R.C.S.E. (Med. Supt.) Miss G. Darvill, D.N.	167 33	30							71 7	268 40		a, l, n, o, r, s, t, u
Royal Chest Hpl. (1), City Road, London, E.C.1	Clerkenwell 1416	Gilbert G. Panter, F.H.A. Miss C. McGovern, G.M., A.R.R.C., S.R.N., C.M.B. (Sister-in-charge)												Outpatient department only in use
Grovelands Hpl. (1), Grovelands Park, Southgate, London, N.14	Palmers Green 3636	Gilbert G. Panter, F.H.A. Miss G. F. E. Elkin, S.R.N.	51 10									51 10		
Wood Green and Southgate Hpl., Bounds Green Road, New Southgate, London, N.11	Bowes Park 3434	Miss A. Hopkins Miss R. H. Rushton, S.R.N., C.M.B.	46								6	52		l, u
Coppetts Wood Hpl., Coppetts Road, Muswell Hill, London, N.10	Tudor 1160	J. A. Montgomery, M.D., CH.B. (Med. Supt.) Miss H. M. Matthews, S.R.N., R.F.N.				95 49						95 49		j, l
Highlands Hpl., Winchmore Hill, London, N.21	Laburnum 1146	J. A. Borthwick, M.D., CH.B., D.P.H. (Med. Supt.) Miss A. Roberts, S.R.N.	96 238	34 16	25 54		68 32			253* 2		476 342		n, u. *Post encephalitis lethargica unit
Tolmers Park Hpl., Newgate Street, Nr. Hertford	Cuffley 2257	W. E. Mortimer Miss E. J. Whittock, S.R.N., C.M.B.			97 7							97 7		"
Radlett House, Southwood Lane, Highgate, London, N.6	Mountview 8778	Mrs. B. Davies, S.R.N., S.C.M. (Matron)			46							46		"
Gynaecological Clinic, Ragland Street, London, N.W.5	Gulliver 1389	Miss K. M. Guy												"
City of London Maternity Hpl. (2), 102, City Road, London, E.C.1 (Beds at Liverpool Road, London, N.1.)	Clerkenwell 5171	Miss K. M. Guy Monica Murphy, M.B., CH.B. (Med. Supt.) Miss E. M. Tindall, M.B.E., S.R.N., S.C.M., M.T.D.	26								4	30		n, o, u

20. Northern Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
City of London Maternity Hpl., Brocket Hall Annexe (2), Welwyn, Herts.	Hatfield 2262	Miss K. M. Guy J. E. Morgan, M.B., B.S., M.R.C.S., L.R.C.P., D.OBST.R.C.O.G. (Med. Supt.) Miss E. M. Tindall, M.B.E., S.R.N., S.C.M., M.T.D.	40									40		n, o
			10										10	
City of London Maternity Hpl., Hanely Road Annexe (2), Hanley Road, London, N.4.	Welwyn Garden 577	Miss K. M. Guy Miss E. M. Tindall, M.B.E., S.R.N., S.C.M., M.T.D.	20									20		n, p
			10									10		
Peartree Maternity Unit, Welwyn, Herts.	Archway 2211	Miss K. M. Guy Miss E. M. Tindall, M.B.E., S.R.N., S.C.M., M.T.D.												In course of prepara- tion
Northaw Hpl. for Children, Northaw, Herts.														p. †Domiciliary midwifery
Maternity Nursing Association† (1), Offices: Royal Northern Hpl., Holloway, London, N.7 Centres: 63, Myddleton Square, London, E.C.1 (3), 235, Camden Road, London, N.7 (3) 11, Highbury Crescent, London, N.5 (3) 187, Isledon Road, London, N.4 (2)														
TOTAL BED COMPLEMENT			360	150	168	95	68			253	81	1,175		
			281	36	61	49	32			2	7	468		

SUB-GROUPING

(1) Royal Northern Group of Hpls. Sub-Group	...	...	...	Senior Administrative Officer:—GILBERT G. PANTER, F.H.A., Royal Northern Hpl.
(2) City of London Maternity Hpl. Sub-Group	...	...	...	Senior Administrative Officer:—Miss K. M. Guy, Royal Northern Hpl.,

21. Paddington Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
The Mayoress of St. Pancras Nursing Fund and Home for Children, 1, St. Alban's Road, London, N.W.5															Closed
Baby Hpl., 1, Ladbroke Square, London, W.1															Closed
Institute of Ray Therapy, 152, Camden Road, London, N.W.1	Gulliver 1124	Mrs. Winifred Beaumont, M.A.													"
London Lock Hpl. (O.P. Dept.), Harrow Road, London, W.9 (Part of Paddington Hpl.)															
Chest Clinic, 119, Ladbroke Grove, London, W.11	Park 8750	Mrs. A. Power													"
Chest Clinic, Town Hall, St. Marylebone, London, N.W.1	Welbeck 7766 Ext. 100	Miss M. R. Downs													"
Chest Clinic, Barnes House, 9-15, Camden Road, London, N.W.1	Gulliver 2371	Mrs. E. Bevan													"
Portman Clinic, 8, Bourdon Street, Davies Street, London, W.1	Mayfair 0632	Mrs. E. Draper													" , v
St. Marylebone and Western General Dispensary, 48, Cosway Street, Marylebone Road, London, N.W.1	Paddington 0021	Miss M. A. Donaldson													"
London Foot Hpl., 33, Fitzroy Square, London, W.1	Museum 0602	H. E. Walker, F.C.H.S.													"
Chest Clinic, 14-18, Newton Road, Westbourne Grove, London, W.2	Bayswater 0280	Miss C. M. Milner													"
TOTAL BED COMPLEMENT			738	101	172	67	93				20	1,191			
			394		68	20						482			

22. London Homoeopathic Hospital Management Committee

Secretary and Finance Officer:
L. J. KNOWLES, F.H.A., F.C.C.S.,
Royal London Homoeopathic Hpl.

Chairman: A. G. CLIFTON BROWN
Messrs. Brown Shipley & Co.,
Founders Court, Lothbury, London, E.C.2

Supplies Officer: A. HOLMES, A.H.A.,
Royal London Homoeopathic Hpl.

Engineer: L. J. ELDRIDGE,
Royal London Homoeopathic Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Royal London Homoeopathic Hpl., Great Ormond Street and Queen Square, London, W.C.1	Terminus 3091	L. J. Knowles F.H.A., F.C.C.S. Miss M. Hall MacKenzie, S.R.N., S.C.M.	140		11*						17	168		a, l, n, t, u *Variable figure
Children's Dispensary, 53, Shepherd's Bush Road, London, W.6	Shepherds Bush 1023	L. J. Knowles, F.H.A., F.C.C.S. Mrs. M. Gunn (Sister-in-charge)												
TOTAL BED COMPLEMENT			140		11						17	168		

NORTH-EAST METROPOLITAN REGION

Area : The administrative county of Essex (except the part included in the East Anglian Regional Hospital Area). The county boroughs of East Ham, Southend-on-Sea and West Ham.

So much of the administrative county of Hertford as comprises the borough of Hertford; the urban districts of Bishop's Stortford, Cheshunt, Hoddesdon, Sawbridgeworth and Ware; and the rural districts of Braughing, Hertford and Ware. So much of the administrative county of Middlesex as comprises the boroughs of Edmonton and Tottenham; and the urban district of Enfield. So much of the administrative county of London as comprises the City of London, the places known as the Inner Temple and Middle Temple, and the metropolitan boroughs of Bethnal Green, Finsbury, Hackney, Poplar, Shoreditch, Stepney and Stoke Newington.

Population : 2,932,523.

Regional Hospital Board

Address : 11a, Portland Place, London, W.1

Telephone : Museum 3380

Chairman of Board : J. W. Bowen, C.B.E., J.P. (b)

Other Members : (a) Alderman C. E. S. Blackmore, Capt. H. Brierley, O.B.E., M.C., C. C. Carus Wilson, M.C., Somerville Hastings, M.P., Alderman S. F. Johnson, J.P., E. T. Neathercoat, C.B.E., J.P., Miss Rootham, S.R.N., C. S. B. Wentworth-Stanley; (b) Prof. S. P. Bedson, L. Comyns, M.P., Lt.-Cmdr. H. Denton, Miss H. M. M. Mackay, R. Strom-Olsen, Major R. P. Woodhouse; (c) H. W. Butler, M.P., G. Graham, Mrs. A. L. Hollingsworth, J.P., R. Poots, R. W. Reid, Alderman, C. H. Simmons, J.P., W. V. Wakefield.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

C. E. NICOL

Assistant Secretary :

W. L. WARREN, M.A., A.H.A.

Treasurer :

G. H. CLARKE, O.B.E., A.C.A.

Assistant Treasurer :

G. W. MILLIN, A.H.A., A.C.I.S.

Architect :

W. G. PLANT, A.R.I.B.A.

Assistant Architect :

A. C. SMITH, A.R.I.B.A., A.M.T.P.I.

Senior Admin. Medical Officer :

J. I. P. WILSON, M.D., M.B., CH.B., F.R.C.S., D.P.H.

Deputy Senior Admin. Medical Officer :

J. GRAHAM, M.A., M.B., CH.B.

Psychiatrist :

J. C. S. THOMAS, M.R.C.P., M.R.C.S., D.P.M.

Assistant Senior Medical Officer :

J. S. ROBERTSON, M.D., CH.B., D.P.H.

Nursing Officer (Admin.) :

MISS B. LYDON, S.R.N., S.C.M.

Teaching Hospitals within Region : The Royal Hospital of St. Bartholomew, The London Hospital, The Moorfields Westminster and Central Eve Hospital.

NORTH EAST METROPOLITAN REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Hertford No. 1 Group Hospital Management Committee

Secretary : P. G. Brooks, F.C.C.S.,
Hertford County Hpl.
Finance Officer : G. G. Jagger, A.S.A.A.,
Haymeads Hpl.

Chairman : Major R. P. Woodhouse,
Bengeo Lodge, Hertford.

Engineer (Consulting) H. A. Sandford, M.A., F.G.S.,
M.I.MECH.E., M.I.E.E., M.I.H.V.E., M.CONS.E.,
2, Gate Street, Lincoln's Inn Fields, London, W.C.2.
Tel.: Holborn 2722.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Bishop's Stortford General Hpl. (1), Rye Street, Bishop's Stortford, Herts	Bishop's Stortford 922	R. A. Dent, Miss N. Nettleton	51	5							11	67		c, n, u
East Hertfordshire Infectious Diseases Hpl. (2), Gallows Hill, Hertford	Hertford 2228	P. G. Brooks, F.C.C.S., Dr. R. H. Mortis (Med. Supt.) Miss C. B. Chaplain				14 46	16					30 46		n
Eden Cottage Hpl. (1), Hatfield Broad Oak, Nr. Bishop's Stortford, Herts	Hatfield Broad Oak 352	R. A. Dent, A.H.A. Mrs. M. Atchison								7		7		
Haymeads Hpl. (1), Bishop's Stortford, Herts	Bishop's Stortford 963	R. E. Friend Raymond Hill, F.R.C.S.E. (Surgeon Supt.) Mrs. E. Friend	157 235	33	85							275 235		a, n, u, v
Hertford County Hpl. (2), North Road, Hertford	Hertford 2275	P. G. Brooks, F.C.C.S., F.H.A. C. H. Medlock, F.R.C.S. (Med. Supt.) Miss E. Baker	128	16		5					22	171		a, l, n, u
Ware Park Sanatorium, (3), Ware Park, Ware, Herts	Ware 100	J. R. Cole Dr. A. P. Ford (Med. Supt.) Miss E. Coates					114					114		m, n
T.B. Dispensary (1), Dunmoor, Herts		P. G. Brooks, F.C.C.S., Dr. R. C. Cohen (Chest Physician)												u
Physiotherapy Clinic (2), Methodist Hall, Star Street, Ware, Herts		P. G. Brooks, F.C.C.S.												u
Physiotherapy Clinic (2), Infant Welfare Centre, Rye Road, Hoddesdon, Herts	Hoddesdon 2611	P. G. Brooks, F.C.C.S.												u
TOTAL BED COMPLEMENT			336 235	54	85	19 46	130			7	33	664 281		

1. Hertford No. 1 Group Hospital Management Committee—Cont.

SUB-GROUPING

(1) Bishop's Stortford Hospitals Sub-Group
(2) Hertford Hospitals Sub-Group
(3) Ware Park Sanatorium Sub-Group

Senior Administrative Officer :—P. G. Brooks, F.C.C.S.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Local Authority owning Institution	No. of beds provided for H.M.C.
Western House, Ware, Herts	Ware 30	Hertfordshire County Council	139

2. Enfield Group Hospital Management Committee

Secretary : L. E. Holdstock,
Chase Farm Hpl.

Chairman : A. HOLLINGTON,
The Cottage, The Ridgeway, Potters Bar, Middlesex.

Finance Officer : F. W. PIGGOTT, A.C.I.S.,
Chase Farm Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	
Chase Farm Hpl., The Ridgeway, Enfield, Middx.	Enfield 3211	L. E. Holdstock C. Allan Birch, M.D., F.R.C.P., D.C.H., D.P.H. (Med. Supt.) Miss G. Morris-Jones, S.R.N., S.C.M., T.B. CERT. OF W.N.M.A.	317 22	47	85							449 22		a, d, l, m, o, t, u, v
Cheshunt Cottage Hpl., Church Lane, Cheshunt, Herts.	Waltham Cross 2157	Mrs. W. A. Dudley Miss I. M. Penny, S.R.N., S.C.M.									14*	2	16	* convalescent
Cheshunt Smallpox Hpl., Andrews Lane, Cheshunt, Herts		Adm Off., Med. Supt. Matron: (Vacant)				14						14		
Enfield War Memorial Hpl., Chase Side, Enfield, Middx.	Enfield 4242	H. H. Moores, F.C.C.S. Miss J. Backall, S.R.N., S.C.M.									37* 19	7	44 19	n
South Lodge Hpl., World's End Lane, Winchmore Hill, London, N.21	Laburnum 2028	Miss N. O. Johns D. Latham Brown, M.D., D.P.H., D.L.O. (Med. Supt.) Miss D. L. Doyle, S.R.N., R.F.N., S.C.M.				55 119	32					87 119		j, n

2. Enfield Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total	
St. Michael's Hpl., 19, Chase Side Crescent, Enfield, Middx.	Enfield 0034	W. T. Peck, D.P.A. E. A. Pennycuick, M.B., CH.B. (Med. Supt.) Miss M. J. Hoare, S.R.N., S.C.M.			364 8								364 8		n
After-Care Clinic, Station Approach, Cuffley, Herts				47	449 8	55 133	32			51* 19	9	960 182			
		TOTAL BED COMPLEMENT	317 22												

3. Edmonton Group Hospital Management Committee

<i>Secretary</i> : D. E. BELL, F.H.A., North Middlesex Hpl.		<i>Finance Officer</i> : M. C. ELLIOTT, A.I.M.T.A., North Middlesex Hpl.		<i>Chairman</i> : E. W. EDWARDSON, Messrs. Edwardson & Co., Ltd., Brimsdown, Edmonton, London, N.9.		<i>Supplies Officer</i> : J. K. RHODEN, A.H.A., North Middlesex Hpl.		<i>Engineer</i> : P. C. VEDAST, North Middlesex Hpl.										
North Middlesex Hpl. (1), Silver Street, London, N.18	Tottenham 3071	D. E. Bell, F.H.A. Ivor Lewis, M.D., M.S.(Lond.) (Med. Director) Miss D. G. Rootham	483	123	283	20	12	921	6	a, d, l, m, n, o, t, u, v, z								
"The Towers" & "Greentrees" Maternity Annexe (1), The Bishop's Avenue, Finchley, London, N.2	Speedwell 3612	D. E. Bell, F.H.A. Ivor Lewis, M.D., M.A.(Lond.) (Med. Director) Miss D. G. Rootham	51					51										
Southgate Maternity Annexe (1), Tottenham Road, Palmers Green, London, N.13	Bowes Park 3401	D. E. Bell, F.H.A. Ivor Lewis, M.D., M.S.(Lond.) (Med. Director)	35					35										
St David's Hpl., Silver Street, London, N.18	Tottenham 5116	B. Maguire	328*					328		m, n. *Epileptic								
Edmonton Chest Clinic, 279, Fore Street, Edmonton, London, N.9		V. Davies, M.D., M.R.C.P. (T.B. Med. Officer)																
TOTAL BED COMPLEMENT			811	209	283	20	12						1335	6				

SUB-GROUPING

(1) North Middlesex Hospital Sub-Group Senior Administrative Officer :—D. E. Bell, F.H.A., North Middlesex, Hpl.

4. Tottenham Hospital Management Committee

Secretary : J. C. BURDETT, D.S.O., M.C., F.H.A.,
The Green, South Tottenham, London, N.15.
Tel. : Stamford Hill 7811.

Finance Officer : C. E. PRICE, A.H.A., A.C.I.S.,
The Green, South Tottenham, London, N.15.

Chairman : E. T. NEATHERCOAT, C.B.E., D.L., J.P.,
61, Welbeck Street,
London, W.1.

Supplies Officer : A. J. DUNKLEY,
The Green, South Tottenham, London, N.15.

Engineer : W. NOALL,
The Green, South Tottenham, London, N.15.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Bearsted Memorial Hpl., Lordship Road, London, N.16	Stamford Hill 8282	M. Finlay, F.H.A., F.C.C.S. Miss W. Fenning, S.R.N., S.C.M.		26								26		o, u
	Molesey 1828	M. Finlay, F.H.A., F.C.C.S. Miss W. Fenning, S.R.N., S.C.M.		28								28		o
North Eastern Hpl., St. Ann's Road, Tottenham, London, N.15	Stamford Hill 1144	W. H. Lees, M.M., F.H.A. Dr. R. Swyer (Med. Supt.) Miss A. Evans				160 596						160 596		j, n
	Stamford Hill 2234	J. C. Burdett, D.S.O., M.C., F.H.A. Miss D. A. Allin	203 12							20*		223 12		a, d, l, n, t, u, v * Convalescent
T.B. Dispensary, Somerset Road, Tottenham, London, N.17	Tottenham 4500	Miss E. E. Adams, Dr. T. A. C. McQuiston (Med. Officer)												
	TOTAL BED COMPLEMENT		203 12	54		160 596				20		437 608		

JOINT USER ARRANGEMENTS
In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
North Middlesex Hospital, Silver Street, Edmonton, London, N.9	Tottenham 3071	Edmonton Group Hospital Management Committee	8

5. The Central Group Hospital Management Committee

Secretary : FRANK CHAMBERS, A.H.A., F.I.A.C.,
St. Leonard's Hpl.

Finance Officer : C. BURTON, F.S.S., A.I.M.T.A.,
St. Leonard's Hpl.

Supplies Officer : G. H. BARNEY,
St. Leonard's Hpl.

Engineer (Consulting) : H. A. SANDFORD, M.A., M.I.MECH.E.,
M.I.M.E., M.I.E.E., M.I.H.V.E., M.CONS.E.,
2, Gate Street, Lincoln's Inn Fields, W.C.2.
Tel. : Holborn 2722.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Bethnal Green Hpl., Cambridge Heath Road, London, E.2	Advance 3413	H. S. Bengier, F.H.A. W. P. Greenwood, M.D., F.R.C.S. (Surgeon Supt.) Miss M. Dolling	285	18			12			335		315 335		a, l, n, t, x
Mildmay Mission Hpl., Austin Street, Bethnal Green, London, E.2	Shoreditch 7902	A. J. Watson, M.D. (Med. Supt.) Miss E. Embleton	54							4		54 4		m, r, t, u
St. Leonard's Hpl., 1, Nuttall Street, Kingsland Road, London, N.1	Clerkenwell 2901	S. W. Garratt A. Morris, M.D. (Med. Supt.) Miss A. D. Place	148							401		148 401		a, l, n, t, u
St. Matthew's Hpl., Shepherdess Walk, London, N.1	Clerkenwell 4218	T. H. Swaffield, A.H.A. A. Morris, M.D. (Med. Supt.) Miss K. M. Hosken			320					307		320 307		n
Metropolitan Hpl., Kingsland Road, London, E.8	Clissold 6862	Frank Chambers, A.H.A., F.I.A.C. Miss E. O. Bird	134							16		134 16		a, l, m, t, u, v
T.B. Dispensary, 145, Queensbridge Road, Shoreditch, London, E.2	Shoreditch 7168	Dr. C. K. Cullen (T.B. Med. Officer)												t, u
Finsbury Health Centre, Pine Street, London, E.C.1	Terminus 2121 Ext. 68	C. O. S. Blythe-Brook, M.B., B.S., M.R.C.S., M.R.C.P., C.P., D.P.H. (Med. Supt.)												t, u, v
Metropolitan T.B. Clinic and Dispensary Kingsland Road, London, E.8	Clissold 2156	Frank Chambers, A.H.A., F.I.A.C. Dr. Howard Rees (T.B. Officer)												t, u
TOTAL BED COMPLEMENT			621	18	320		12			1,063		971 1,063		

6. Hackney Group Hospital Management Committee

Secretary: J. D. B. MANNING,
230, Homerton High Street, London, E.9.
Tel.: Amherst 4701.

Supplies Officer: C. F. GOODE,
230, Hornerton High Street, London, E.9.

Finance Officer: H. W. NEALE, A.I.M.T.A.,
230, Homerton High Street, London, E.9.

Engineer: E. V. JONES, M.I.E.C.,
230, Homerton High Street, London, E.9.

Chairman: H. E. GOODRICH, J.P., M.P.,
Sunnyside, 257, Evering Road,
Clapton, London, E.5.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Eastern Hpl., Homerton Grove, Homerton, London, E.9	Amherst 1193	W. W. Spencer G. W. Ronaldson, M.D., D.P.H.(Oxon.), B.Ch. (Physician Supt.) Miss E. M. G. Barcham				157 446	18					175 446		j, l, n
German Hpl., Ritson Road, Dalston, London, E.8	Clissold 0810	C. W. Kratz Miss R. S. Dennis	134 62	14	10							158 62		a, l, n, t, u, v
Hackney (I) Hpl., 230, Homerton High Street, London, E.9	Amherst 1066	E. R. Mighell, A.H.A. F. A. Bryning, M.B., B.S. (Med. Supt.) Miss H. D. Butler	369 264	40 32								409 296		a, d, l, n, o, t
Hackney (II) Hpl., 230, Homerton High Street, London, E.9	Amherst 1066	E. R. Mighell, A.H.A. F. A. Bryning, M.B., B.S. (Med. Supt.) Miss H. D. Butler			297 267							297 267		n, t
Salvation Army Mother's Hpl., Lower Clapton Road, London, E.5	Amherst 6661/6	Brigadier R. W. Bovan Lt.-Col. C. Knott (Matron)	107									107		o
Hackney Physical Treatment Centre, 92, Dalston Lane, London, E.8	Clissold 3442	H. T. Nash, M.B.E. (Hon.)												u
TOTAL BED COMPLEMENT			503 326	161 32	307 267	157 446	18					1,146 1,071		

7. Stepney Group Hospital Management Committee

Secretary : C. G. BURRELL, F.H.A.,
Raine Street, Wapping, London, E.1.
Tel. : Royal 4796

Finance Officer : G. H. CHILVERS, F.H.A.,
Raine Street, Wapping, London, E.1.

Chairman : Mrs. B. HASTINGS,
12, Westminster Palace Gardens,
Victoria Street, London, S.W.1

Supplies Officer : V. J. WATTS, F.H.A.,
Raine Street, Wapping, London, E.1.

Engineer : A. CANNON,
Mile End Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Mile End Hpl., Bancroft Road, London, E.1	Advance 2873	A. Shorter, F.H.A. W. Gordon Sears, M.D., M.R.C.P. (Med. Supt.) Miss V. Crocker, S.R.N.	346	60			24			138*		430 138		a, l, n, o, t, v * available for acute and maternity
St. George-in-the-East Hpl., Raine Street, Wapping, London, E.1	Royal 4796	V. J. Watts, F.H.A. J. H. Duke, M.B., B.CH., B.A.O. (Med. Supt.) Miss M. Thorne, S.R.N., S.C.M.	128 282									128 282		a, n, t
London Jewish Hpl., Stepney Green, London, E.1	Stepney Green 4251	G. E. Pitt, F.H.A. Miss M. Hampshire	84 25		20							84 45		aa, n, v
Stepney Chest Clinic, Devonport Street, Commercial Road, London, E.1	Stepney Green 3907	R. M. Orpwood, M.R.C.S. L.R.C.P., D.P.H. (Med. Supt.)												
East End Maternity Hpl., 384-396, Commercial Road, London, E.1	Stepney Green 2466	Mrs. E. Bennett Miss M. H. Bowman		60								60	4	o
TOTAL BED COMPLEMENT			558 307	120	20			24				702 465	4	

8. Bow Group Hospital Management Committee

Secretary : E. H. WHITWORTH, F.H.A.,
St. Clement's Hpl.

Finance Officer : D. H. ROPER,
St. Clement's Hpl.

Chairman : The LORD RITCHIE OF DUNDEE,
123, Old Broad Street,
London, E.C.2.

Supplies Officer : P. P. BREHONY, F.H.A.,
St. Clement's Hpl.

Engineer : J. F. PODDINGTON,
St. Clement's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Poplar Hpl., East India Dock Road, London, E.14	East 1876	L. Nicholas, A.H.A. Miss E. Lyon	78			15						93		a, l, t, u, v
St. Andrew's Hpl., Devons Road, London, E.3	East 3052	J. F. Bayly, A.H.A. J. R. M. Whigham, F.R.C.S. (Med. Supt.) Miss Hylda M. R. Jenkins	266 112	40	112	60	44					522 112		a, l, o, t, u
St. Clement's Hpl., 2a, Bow Road, London, E.3	Advance 1325	Admin. Officer : (Vacant) Miss E. A. Curtis						40 20				40 20		v, z
T.B. Dispensary, Wellington Way, London, E.3	Advance 1356	L. D. Richards, L.R.C.P. M.R.C.S., D.P.M. (Med. Officer)												u
TOTAL BED COMPLEMENT			344 112	40	112	75	44	40 20				655 132		

9. West Ham Group Hospital Management Committee

Secretary : M. J. HUNTLEY, B.A., F.H.A.,
c/o Queen Mary's Hpl. for the East End.
Tel.: Maryland 6701

Finance Officer : Major R. PERRY, M.B.E., F.H.A.
c/o Queen Mary's Hpl. for the East End.
Tel.: Maryland 6701

Chairman : Dr. L. COMYNS, L.R.C.P., L.R.C.S., M.P.,
74, Woodford Avenue, Ilford, Essex

Engineer : J. T. COOKE, M.I.H.E.,
c/o Forest Gate Hpl.

East Ham Memorial Hpl., Shrewsbury Road, London, E.7	Grangewood 3322	J. W. F. Parsons, A.H.A. Miss D. V. Boorn S.R.N., S.C.M., R.S.C.N.	117.	16							5	138		a, l, t, v
Invalid and Crippled Children's Hpl., Balaam Street, Plaistow, London, E.13	Grangewood 2529	Mrs. P. L. Baker Miss M. Foster, S.R.N., S.C.M.	24									24		
Sunshine Convalescent Home, Ness Road, Shoburyness, Essex	Shoburyness 54	Mrs. P. L. Baker Miss D. Williams, S.R.N., S.C.M., R.S.C.N.								54*		54		*Convalescent

9. West Ham Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Plaistow Hpl., Samson Street, Plaistow, London, E.13	Grangewood 1146	C. W. H. Poyser	66			68								j
		Dr. D. MacIntyre (Med. Supt.) Miss I. Tulloch, S.R.N., R.F.N.			74				1			135		
Plaistow Maternity Hpl., Howards Road, Plaistow, London, E.13	Grangewood 2926	C. H. Andrews, A.H.A. Miss O. Blanden, S.R.N., S.C.M.	52						5	3	60			o
Queen Mary's Hpl. for the East End, West Ham Lane, Stratford, London, E.15	Maryland 2616	J. S. Street Miss M. H. Davies, S.R.N., S.C.M.	88	38						7	133			a, l, o, t, u, v
Hillingdon House, Post-operative Unit, Harlow, Essex. (Branch of Queen Mary's Hpl.)	Harlow 2227	Mrs. E. E. Bewes, S.R.N., S.C.M. (Sister-in-charge)	18								18			
St. Mary's Hpl., Upper Road, Plaistow, London, E.13	Grangewood 4001	A. E. Wilkes Miss J. Smith Johnstone, S.R.N., S.C.M.	98							2	100			c, l
Forest Gate Hpl., Forest Lane, Forest Gate, London, E.7	Maryland 1354	E. E. Ireson, F.H.A. Dr. H. R. England (Med. Supt.) Miss M. Hunter, S.R.N., S.C.M.	5	66				130			201			x, y
East Ham Chest Clinic, Katharine Road, London, E.6	Grangewood 1430													
West Ham Chest Clinic, Balaam Street, London, E.13	Grangewood 3742													
TOTAL BED COMPLEMENT			416	172		68 74		130	60	17	863 74			

10. Leytonstone Hospital Management Committee

Secretary : F. J. MACEY, F.H.A.,
Langthorne Road, Leytonstone,
London E.11.
Tel. : Leytonstone 2311

Finance Officer : A. H. JARMAN, A.S.A.A.,
Langthorne Road, Leytonstone,
London, E.11.

Chairman : A. R. SHERRELL,
13, Falmouth Gardens,
Ilford, Essex

Supplies Officer : R. L. RUTHERFORD, F.H.A.,
Langthorne Road, Leytonstone,
London, E.11.

Engineer : H. WRIGHT,
Whipps Cross Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Whipps Cross Hpl., Whipps Cross Road, Leytonstone, London, E.11	Leytonstone 1141	B. S. Lawrence, F.H.A. A. Norman Jones, F.R.C.S. (Med. Supt.) Miss K. Fogarty, S.R.N.	663	30	164		30					887		a, d, l, n, t, v
			157										157	
Langthorne Hpl., Langthorne Road, Leytonstone, London, E.11	Leytonstone 2311	H. Ramsey L. Cosin, F.R.C.S. (Med. Supt.) Miss L. Gillin, S.R.N.			835							835		n, v, y
T. B. Dispensary, 180, High Road, Leyton, London, E.10	Leytonstone 1308	Dr. T. Ormerod (T.B. Officer)												
TOTAL BED COMPLEMENT			663	30	999		30					1,722		
			157									157		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Forest House, James Lane, Leytonstone, London, E.11	Leytonstone 2511	West Ham County Borough	46

11. Forest Group Hospital Management Committee--Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
T.B. Dispensary, Combined Treatment Centre, High Road, South Woodford, Essex	Buckhurst 2496	T. L. Ormerod, M.A., M.B. (T.B. Officer)												"
Aldersbrook Maternity Hpl., Aldersbrook Road, Wanstead, London, E.11	Wanstead 0066	W. T. Pitt-Steele, F.H.A. Mrs. E. M. Steele, S.R.N., S.C.M.	20									20		"
		TOTAL BED COMPLEMENT	341 10	94	20	64 18	102				15	636 28	9	

12. Ilford and Barking Group Hospital Management Committee

Secretary : G. A. HEPWORTH, F.H.A.,
King George Hpl.

Finance Officer : T. J. ROSE, A.I.A.,
King George Hpl.

Supplies Officer: J. BROMLEY,
King George Hpl.

Supervising Engineer: J. LEARY,
King George Hpl.

Dagenham Sanatorium, Dagenham, Essex	Rainham 717	C. O. Woolword Dr. G. M. Mayberry (Med. Supt.) Miss E. J. Elles	128	128	
Ilford Isolation Hpl., Grove Road, Chadwell Heath, Essex	Seven Kings 3007	D. J. Weir (Med. Supt.)	88	50	138
Ilford Maternity Home, Eastern Avenue, Ilford, Essex	Valentine 1145	Dr. J. Weir (Med. Supt.)		51	51
Wilnett Lodge Post-Natal Hostel, High Road, Chadwell Heath, Essex	Seven Kings 6162	Dr. J. Weir (Med. Supt.)		9	9
King George Hpl., Ilford, Essex	Valentine 1046	G. A. Hepworth, F.H.A. Miss F. Storm		123	
Dagenham Out Patient Department, Becontree Centre, Dagenham, Essex	Seven Kings 2588	G. A. Hepworth, F.H.A. Miss J. Storm			21
Barking Isolation Hpl., Upney Lane, Barking, Essex	Rippleway 2394	Dr. L. Williams (Med. Supt.)			144

13. Romford Group Hospital Management Committee---Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Strathmore Annexe, Main Road, Romford, Essex (Annexe to Victoria Hpl.)		Miss P. M. Bissill, S.R.N., S.C.M. (Matron)												
St. George's Hpl., Suttons Lane, Hornchurch, Essex	Hornchurch 4181	J. T. Cooper Miss M. Linyard, S.R.N., S.C.M. (Supt. Nurse)	98									98		
Chest Clinic, 89, Western Road, Romford, Essex	Romford 5540	Dr. S. Thompson, L.M.S.S.A.(LOND.) M.B., CH.B. (Chest Physician)												
V.D. Clinic, Oldchurch Hpl., Romford, Essex	Romford 3666													
TOTAL BED COMPLEMENT			862	88	128	74 15	6				25	6	1,189 15	

14. South Essex Hospital Management Committee

Secretary : E. E. TAYLOR, A.H.A., F.S.S.,
Secretary's Office, Thurrock Hpl.
Tel.: Tilbury 3908

Chairman: W. J. BENNETT, J.P. C.A.,
26, Ruskin Road, Chadwell St. Mary, Grays, Essex

Finance Officer : B. W. RICKETT, A.L.A.A.,
Finance Department, Headquarters Office, Thurrock Hpl.
Tel.: Tilbury 3908

Engineer : W. G. RICHARDSON, A.M.I.MECH.E.,
Secretary's Office, Thurrock Hpl.
Tel.: Tilbury 3908

Billericay Infectious Diseases Hpl. (1), Gooseberry Green, Billericay, Essex	Billericay 6	C. Ansell Dr. J. D. Wells (Med. Supt.) Miss M. Cobley	40	15 6	172	20 39			20 39
Orsett Lodge, Hpl., Orsett, Nr. Grays, Essex	Orsett 48	J. A. Dredge Miss S. M. Crane	40	15 6	172		3		230 6
Langdon Hills Hpl. (1), Laindon, Essex		C. Ansell Dr. G. M. Mayberry (Med. Supt.) Miss F. M. Noble	28				12		28 12
Tilbury Hpl., Essex Tilbury, Essex	Tilbury 3501	G. E. Whyte Miss C. Ross	86						86

14. South East Essex Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Thurrock Hpl. (1), Stifford Long Lane, Grays, Essex	Tilbury 3575	C. Ansell Dr. W. T. G. Boul (Med. Supt.) Miss E. Davis				33 18	48 12					81 30		
St. Andrew's Hpl., Billericay, Essex	Billericay 602	J. Box Dr. J. Fiddes (Med. Supt.) Mrs. E. M. Box		9 9	262 89							271 98		
T.B. Dispensary, Combined Treatment Centre, The Broadway, Pitsea, Essex	Vange 2275													
T.B. Dispensary, Combined Treatment Centre, High Road, South Benfleet, Essex	South Benfleet 2353													
TOTAL BED COMPLEMENT			154	24 15	434 89	53 57	48 24	3				716 185		

SUB-GROUPING

(1) Thurrock Hospitals Group Sub-Group Senior Administrative Officer :—C. Ansell, Thurrock Isolation Hpl.

15. Southend Hospital Management Committee

Secretary : J. C. FIELD, F.H.A.,
20, Warrior Square, Southend-on-Sea, Essex.
Tel. : Southend 67701

Finance Officer : E. A. CAMP, A.H.A., A.C.I.S.,
20, Warrior Square, Southend-on-Sea, Essex

Southend-on-Sea Isolation Hpl.,
Balmoral Road,
Southend-on-Sea, Essex

General Hpl.,
Prittlewell Chase,
Southend-on-Sea, Essex

Chairman : S. F. JOHNSON, J.P.,
90, Hadleigh Road, Leigh-on-Sea, Essex

Engineer : K. C. MAGEE,
Rochford General Hpl.

J. C. Field, F.H.A. Dr. E. H. Tomlin, D.F.H. (Med. Supt.) Miss A. Kinsley, S.R.N.	119											119		n
J. C. Field, F.H.A. Miss I. M. L. Syer, S.R.N., D.N.	229										21	250		a, l, n, r, u, v

15. Southend Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
General Hpl., Rochford, Essex	Southend 56278	J. C. Field, F.H.A. Samuel Cieman, M.R.C.S., L.R.C.P. (Med. Supt.) Miss A. Street, S.R.N.	213	90	110		60	35				508		a, d, l, m, n, t, z
			30					34				64		
V.D. Clinic, Southend-on-Sea, Essex	Southend 3594	J. C. Field, F.H.A. Dr. E. H. Tomlin, D.P.H., (Med. Supt.) Miss A. Kinsley, S.R.N.												"
Lancaster House T.B. Dispensary, Southend-on-Sea, Essex	Southend 66172	J. C. Field, F.H.A.												"
Victoria Nursing Home, King's Road, Westcliff-on-Sea, Essex		J. C. Field, F.H.A.									21		21	
Leigh Hall Recovery Home, Leigh-on-Sea, Essex		J. C. Field, F.H.A.									36		36	
TOTAL BED COMPLEMENT			442	90	110	119	60	35			57	21	877	
			30					34					121	

16. Brentwood Group No. 16 Hospital Management Committee

Secretary : MERVYN L. DANIELS, A.H.A., A.C.C.S.,
The Poplars, High Wood Hpl., Brentwood, Essex
Tel. : Brentwood 2520

Finance Officer : J. H. WILSON, A.H.A., A.I.M.T.A.,
The Poplars, High Wood Hpl., Brentwood, Essex

Brentwood District Hpl., Brentwood, Essex	Brentwood 2244	Mervyn L. Daniels, A.H.A., A.C.C.S. Miss M. A. Palmer, S.R.N., S.C.M.	44								6	50		n, u
Brentwood Maternity Home, Shenfield Common, Brentwood, Essex	Brentwood 197	Mervyn L. Daniels, A.H.A., A.C.C.S. Miss M. A. Palmer, S.R.N., S.C.M.		11							2	13		n, u
Harold Court Sanatorium, Harold Wood, Essex	Ingrebourne 42	L. M. Lamb M. Weinberger, M.D., D.M.R.E. (Med. Supt.) Miss S. B. Loosley, S.R.N.										50 7		n

Chairman : J. F. HOUGH, M.A.,
Springfield, Highland Avenue,
Brentwood, Essex

Supplies Officer : A. ACKRILL,
The Poplars, High Wood Hpl., Brentwood, Essex

Engineer : J. A. SARGEANT, M.INST.E.C., M.INST.H.E.,
The Poplars, High Wood Hpl., Brentwood, Essex

16. Brentwood Group No. 16 Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Harold Wood Hpl., Harold Wood, Essex	Ingrebourne 137, 114, 36	P. J. W. Martin Dr. W. J. S. Ewan, M.B., CH.B., M.R.C.P. (Physician Supt.) Miss M. Heasman, S.R.N., S.C.M.	181		172							353		l, n, u, v
			80										80	
High Wood Hpl. for Children,* Ongar Road, Brentwood, Essex	Brentwood 50	E. J. W. Cole, F.H.A. F. J. Bentley, M.D., F.R.C.P., D.P.H. (Med. Supt.) Miss Q. I. Shaw, S.R.N.						246				246		c, l, n. *Special Hpl. for sane female and children epileptics
									223				223	
St. Faith's Hpl.,† London Road, Brentwood, Essex	Brentwood 15	W. F. Showell, M.M., A.H.A. Miss M. M. Bennett, C.R., M.P.A., S.R.N.							369			369		n. †Has special school for children
									58				58	
Chest Clinic, 39, Queens Road, Brentwood, Essex	Brentwood 1863	Dr. M. Weinberger, M.D., D.M.R.E. (Med. Supt.)												u
TOTAL BED COMPLEMENT			225	11	172		50	246		369	8	1,081		
			80				7	223		58		368		

17. Epping Group Hospital Management Committee

Secretary : A. J. Cole, A.H.A., F.C.C.S.,
St. Margaret's Hpl.
Tel.: Epping 2147

Finance Officer : R. J. Connell, A.I.M.T.A.,
St. Margaret's Hpl.
Tel.: Epping 2147

Chairman : F. S. Foster, C.B.E., J.P.,
Little Acre, 37, Alderton Hill,
Loughton, Essex

Supplies Officer : H. H. England,
St. Margaret's Hpl.
Tel.: Epping 2251

Engineer : S. Hunt, A.I.M.A.R.E., M.INST.B.E., M.I.E.C.,
St. Margaret's Hpl.
Tel.: Epping 2147

Epping and District Cottage Hpl., Bell Common, Epping, Essex	Epping 2241	A. J. Cole, A.H.A., F.C.C.S. Miss M. L. S. Edlson	3	8								11		
Ongar and District War Memorial Hpl., Shelley, Ongar, Essex	Ongar 129	A. J. Cole, A.H.A., F.C.C.S. Mrs. E. Paterson, S.R.N., S.C.M.	20	6								26	3	<i>n</i>
St. Margaret's Hpl., The Plain, Epping, Essex	Epping 2251	H. H. England Roy Evans, O.B.E., M.R.C.S., L.R.C.P. (Med. Officer) Miss A. E. Hardman, S.R.N., S.C.M.	206 119	34	135		60			100*		535 119	100	<i>n, u. *Pt III accom- modation</i>

17. Epping Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Waltham Abbey War Memorial Hpl., Farm Hill, Waltham Abbey, Herts	Waltham Cross 2339	A. J. Coles, F.C.C.S., A.H.A. Miss D. Lockwood, S.R.N., S.C.M.	16									16		
			9									9		
Waltham Abbey Isolation Hpl., Honey Lane, Waltham Abbey, Herts	Waltham Cross 3341/2	A. E. MacIntyre R. W. Tannahill, M.B., B.S., M.Sc., D.P.H. (Med. Supt.) Miss D. G. Tilby, S.R.N., S.C.M.				16	28					44		
						62	24					86		
T.B. Dispensary, Regent Road, Epping, Essex	Epping 2038	A. J. Cole, A.H.A., F.C.C.S. L. S. Fry, M.B., B.CH., M.R.C.S., L.R.C.P., D.P.H. (Med. Supt.)												
T.B. Dispensary, Welfare Centre, High Street, Waltham Cross, Herts.	Waltham Cross 3401	V. C. Benson, M.R.C.S., L.R.C.P. (Med. Supt.)												
TOTAL BED COMPLEMENT			245	48	135	16	88			100		632	103	
			128			62	24					214		

18. Chelmsford Group Hospital Management Committee

Secretary : R. G. MORRISH, Chelmsford and Essex Hpl.		Chairman : W. V. WAKEFIELD, Killegrews, Margaretting, Essex		Finance Officer : R. I. SHARMAN, Chelmsford and Essex Hpl.	
Albert Maternity Home, Burnham-on-Crouch, Essex	Burnham 2181	Mrs. S. Tucker	3		n
Broomfield Hpl., Broomfield, Chelmsford, Essex	Broomfield 323	R. Brook, A.H.A. Dr. W. L. Yell (Med. Supt.) Miss E. E. Burge		258 50	c, l, n
Chelmsford and Essex Hpl., London Road, Chelmsford, Essex	Chelmsford 3481	R. G. Morrish Dr. R. G. Lyster (Med. Supt.) Miss E. J. Clark	135	25	a, l, t, u, v
Bellefield Convalescent Home, London Road, Chelmsford, Essex	Chelmsford 3481	R. G. Morrish Dr. R. G. Lyster (Med. Supt.) Miss E. J. Clark			Information as for Chelmsford and Essex Hpl.

18. Chelmsford Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
William Julian Courtauld Hpl., London Road, Braintree, Essex	Braintree 32	Miss F. E. Phipps Miss E. Sawyer, s.r.n., s.c.m.	28	11								39		n, u
	Maldon 50	C. Dowsett Miss A. Davies				17 8						17 8		
T.B. Dispensary, Braintree, Essex	Braintree 308	Dr. R. Cohen (Med. Officer-in-charge)												
St. Michael's Hpl., Rayne Park, Braintree, Essex	Braintree 24	R. Clark Mrs. E. M. Clark	5		180 16							185 16		n
St. John's Hpl., Wood Street, Chelmsford	Chelmsford 4467/8, 2680	G. Armstrong Dr. J. T. Whitley (Med. Supt.) Miss M. Rennoldson	126 20	53 53	120 24		5					304 97		l, n, o, u, v
St. Peter's Hpl., Wantz Chase, Maldon, Essex	Maldon 35	W. Tait Mrs. M. Tait	28	12 12	118 40							130 80		n
T.B. Dispensary, Maldon, Essex	Maldon 248	Staffed from Broomfield Hpl.												
Chelmsford Isolation Hpl., Baddow Road, Chelmsford, Essex	Chelmsford 2796	Dr. Mervyn Thomas (Med. Supt.) Miss E. J. Clark				43						43		
		TOTAL BED COMPLEMENT	294 48	79 65	418 80	60 8	263 50				25	1,139 251		

19. Colchester Group Hospital Management Committee

Secretary : E. R. HANCHET, B.A., F.H.A.,
14, Pope's Lane, Colchester, Essex.
Tel. : Colchester 2610

Finance Officer : E. W. HARRIS, A.H.A., A.S.A.A.,
14, Pope's Lane, Colchester, Essex.
Tel. : Colchester 5655

Chairman : Lt.-Cdr. H. DENTON, R.N. (Retd.), J.P.,
Roydene, Main Road,
Dovercourt, Essex

Supplies Officer : CHARLES A. MERRICK,
14, Pope's Lane, Colchester, Essex.
Tel. : Colchester 5656

Engineer : E. STOCKDALE, F.I.A.S., A.R.S.I.,
14, Pope's Lane, Colchester.
Tel. : Colchester 5647

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Black Notley Hpl. (5), Near Braintree, Essex	Braintree 69	A. K. Hadfield, F.H.A. Dr. M. C. Wilkinson (Med. Supt.) Miss M. Ruck, R.R.C.	83 457				280 159					363 616		l, n, u
Clacton-on-Sea and District Hpl. (2), Freeland Road, Clacton-on-Sea, Essex	Clacton 1145	Thomas Thompson, F.H.A., Miss R. C. Sealey, S.R.N.	48									48		n, u
Colchester Isolation Hpl. (4), Mill Road, Colchester, Essex	Colchester 5211	Miss D. Copelin, S.R.N., R.F.N. (Matron)				36 77	7 6					43 83		n
Colchester Maternity Home (4), 32, Lexden Road, Colchester, Essex	Colchester 3869	Mrs. F. Dennis, S.R.N., S.C.M. (Matron)		46								46		p
Colchester Smallpox Hpl. (4), Mill Road, Colchester, Essex	Colchester 3720					24*						24*		*Not operative
Essex County Hpl. (4), Lexden Road, Colchester, Essex	Colchester 3156	Miss M. M. Dennis Miss G. M. Fernley, D.N.	207									207		a, d, l, u, v
Halstead Cottage Hpl. (1), Headingham Road, Halstead, Essex	Halstead 18	Mrs. A. A. Waterhouse Miss M. McClymont, S.R.N., S.C.M.	20									20		n, u
Harwich and District Hpl (3), Main Road, Dovercourt, Essex	Harwich 112	Mrs. C. M. Cramond Miss M. French, S.R.N.	26									26	2	n, u
Heath Hpl. (3), Tendring, Essex	Wix 71	J. Burden Mrs. I. Burden, S.R.N., S.C.M.	10	11	113							123 11		n
Passmore Edwards Convalescent Home (2) Marine Parade, Clacton-on-Sea, Essex	Clacton-on- Sea 1524					35†						35		† Alterations in progress

19. Colchester Group Hospital Management Committee—Cont.

Hospital	Telephone	• Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Reckitt Convalescent Home (2), Holland Road, Clacton-on-Sea, Essex	Clacton-on- Sea 1345	Miss M. Cooke, S.R.N. (Matron)										32		"
Witham Nursing Bungalow (5), Witham, Essex	Witham 3148	Mrs. E. Hayes (Hon. Sec.)		3								3		
St. Mary's Hpl. (4), Pope's Lane, Colchester, Essex	Colchester 3259	D. T. Lewis, A.H.A. Miss N. Mallender, S.R.N., S.C.M.	7	14	119 14							140 14		" "
Woodborough Maternity Home (2), 31, Skelmersdale Road, Clacton-on-Sea, Essex	Clacton 190	Thomas Thompson, F.H.A., Assistant Secretary		5 2								5 2		"
Chest Clinic, Skelmersdale Road, Clacton-on-Sea, Essex	Clacton 190	Dr. F. Kellerman (Chest Physician)												"
Chest Clinic, 2, Shewell Road, Sir Isaac's Walk, Colchester, Essex	Colchester 4198	Dr. F. Kellerman (Chest Physician)												"
V.D. Clinic, Public Health Department, Main Road, Dovercourt, Essex	Harwich 506													"
Chest Clinic Public Health Department, Main Road, Dovercourt, Essex	Harwich 506	Dr. F. Kellerman (Chest Physician)												"
Chest Clinic, Head Street, Halstead, Essex	Halstead 268	Dr. J. S. Ransom (Chest Physician)												"
TOTAL BED COMPLEMENT			401 457	68 13	232 14	36 101	287 200				32	1,056 785	2	

SUB-GROUPING

(1) Area No. 1 Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(2) Area No. 2 Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(3) Area No. 3 Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(4) Area No. 4 Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(5) Area No. 5 Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...

The sub-grouping does not extend to the appointment of administrative officers for each sub-group.
The sub-grouping is primarily to define the establishments for which each House Committee is responsible.

25. Royal Eastern Counties Hospital Management Committee

Secretary and Finance Officer : Miss M. BEARD, A.H.A.,
Abbeygate House, Colchester, Essex.
Tel. : Colchester 4491

Chairman : J. O. PARKER, T.D., D.I., J.P.,
1, Queens Road, Colchester, Essex

Engineer : J. GALLAGHER,
Abbeygate House

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Essex Hall Hpl., Colchester, Essex	Colchester 3138	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Miss M. Tynan, S.R.N., S.R.M.N., R.M.P.A.							556			556		g, n
Lexden House Hpl., Colchester, Essex	Colchester 3351	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Mrs. E. Jackson, S.R.N., R.M.P.A.							71			71		g, n
Crossley House Hpl., Clacton-on-Sea, Essex	Clacton-on-Sea 329	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Miss E. Mantripp, R.M.P.A.							64			64		g, n
Kingsmead, Colchester, Essex	Colchester 3427	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Mrs. M. Duncan, S.R.N. (Hostel Supervisor)							12			12		g, n
Turner Village Hpl., Colchester, Essex	Colchester 2296	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Miss E. Waite, S.R.N., R.M.P.A.							460			460		g, n
East Hill House School, Colchester, Essex	Colchester 2492	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) C. Chadwick (Headmaster) Mrs. M. Chadwick, R.M.P.A.							60			60		g, n
Bridge House, Witham, Essex	Witham 2370	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Miss B. Tanner, S.R.N., R.M.P.A.							378			378		g (male only), n
Greenwood School, Halstead, Essex	Halstead 2	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Miss D. M. Herbert (Headmistress)							100			100		g, n
Hillsleigh School, Colchester, Essex	Colchester 2908	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Miss J. Stewart							52			52		g, n

25. Royal Eastern Counties Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Littleton House School, Cambridge	Cambridge 76129	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) J. W. Scott (Headmaster) Mrs. N. Scott							64			64		
Handford Home, Ipswich, Suffolk	Ipswich 3892	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.) Miss M. E. Nixon, R.M.P.A							22			22		
Brunswick House, Mistley, Essex	Manningtree 9	Miss M. Beard, A.H.A. Dr. R. Bates (Med. Supt.)							12			12		
TOTAL BED COMPLEMENT									1,851			1,851		

26. South Ockendon Group Hospital Management Committee

Secretary : W. G. WILSON, A.H.A., Leytonstone House		Chairman : Major A. YOUNG, T.D., J.P., 162, Cranbrook Road, Ilford, Essex	
Finance Officer : A. J. MORSE, A.H.A., A.S.A.A., Leytonstone House		Engineer : H. H. BOTTLE, Leytonstone House	
Bramley House, Clay Hill, Enfield, Middx.	Enfield 0161	Miss E. Kilpack, S.R.N., C.M.B., R.M.P.A. (Matron Supt.)	m, n, x
Great West Hatch, South Woodford Road, Chigwell, Essex	Buckhurst 2855	Miss V. O. M. Norman, S.R.(M).N. (Asst. Matron)	m, n
New Lodge (1), Tye Common Road, Billericay, Essex	Billericay 105	A. J. Read	x
Leytonstone House, High Road, Leytonstone, London, E.11	Wanstead 7701/2	S. W. Keyte, A.H.A. Miss E. D. Christie, S.R.N., R.M.P.A. (Acting Matron Supt.)	g, m, n, x. * Final figure still under consideration.

26. South Ockenden Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Ramsey Lodge (1), Oakley Road, Ramsey, Dovercourt, Essex	Harwich 507	A. J. Read							15			15		x	
	South Ockendon 335	F. H. Barker, F.H.A. B. Matheson, M.B., B.CH.; D.P.M. (Med. Supt.) Miss W. S. Butler, S.R.N., R.M.P.A.							474 36			474 36		g, n, x	
TOTAL BED COMPLEMENT									984 76			984 76	18		

SUB-GROUPING

(1) New Lodge Sub-Group Senior Administrative Officer :—A. J. Read, New Lodge

27. Queen Elizabeth Hospital Management Committee

Secretary : C. H. BESSELL, F.H.A.,
Queen Elizabeth Hpl., Hackney Road, London, E.2.
Tel.: Bishopsgate 4633

Finance Officer : F. J. WILLIAMS, A.H.A., A.S.A.A.,
Queen Elizabeth Hpl., Hackney Road, London, E.2.
Tel.: Shoreditch 8866

Chairman : Col. J. K. MAITLAND, M.B.E., M.C., T.D.,
Digswell Place, Welwyn, Herts.

Engineer : C. HOLDEN, M.I.H.E., M.I.E.C., M.INST.F., M.INST.E.E.,
Queen Elizabeth Hpl., Hackney Road, London, E.2.
Tel.: Shoreditch 8866

Queen Elizabeth Hpl. for Children, Hackney Road, London, E.2	Shoreditch 8866	C. H. Bessell, F.H.A. Miss I. G. Robertson	149 8									149 8		h, l, n, t, v
Queen Elizabeth Hpl. for Children, Glamis Road, Shadwell, London, E.1	Stepney Green 3341	C. H. Bessell, F.H.A. Miss J. B. Whyte (Sister-in-charge)	27 53									27 53		l, n, t, u, v,
Queen Elizabeth Hpl. for Children, Banstead Wood, Surrey	Burgh Heath 3400	C. H. Bessell, F.H.A. Miss M. Hall	60 20									60 20		l. n
Little Folks Home, Little Common, Bexhill-on-Sea, Sussex	Cooden 284	Miss D. I. Hook (Matron)								25* 15		25 15		*Convalescent
TOTAL BED COMPLEMENT			236 81							25 15		261 96		

SOUTH-EAST METROPOLITAN REGION

Area : The administrative counties of Kent and Sussex (East). The county boroughs of Brighton, Canterbury, Eastbourne and Hastings.

So much of the administrative county of London as comprises the metropolitan boroughs of Bermondsey, Camberwell, Deptford, Greenwich, Lewisham, Southwark and Woolwich, and the part of the metropolitan borough of Lambeth lying east of Kennington Park Road, Brixton Road and Brixton Hill.

Population : 3,062,050.

Regional Hospital Board

Address : 11a, Portland Place, London, W.1

Telephone : Museum 3380

Chairman of Board : K. I. Julian (b)

Other Members : (a) Alderman R. H. Burslem, J.P., H. C. Edwards, C.B.E., Dame Barrie Lambert, D.B.E., J.P., Alderman the Rev. H. Samuel, T. W. Stigger, J. R. H. Turton (two vacancies); (b) E. R. Boland, C.B.E., The Very Rev. T. Crick, C.B., C.B.E., M.V.O., The Rt. Hon. Lord Cunliffe, F. E. Feilden, Alderman Miss A. Hudson, J.P., M.B.E., A. Talbot Rogers, E. C. Sherwood; (c) C. W. Brook, The Hon. Ruth B. Buckley, W. Kelsey Fry, C.B.E., M.C., Alderman S. C. C. Harris, The Hon. Mrs. S. L. Henley, J. B. Hunter, C.B.E., M.C., W. C. H. Lockett, J.P., W. G. Masefield, J.P.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

C. M. KER, O.B.E., F.H.A.

Assistant Secretary :

R. F. DREWITT, M.A.(CANTAB.), A.C.A.

Treasurer :

G. A. COLE, M.A., F.C.A.

Assistant Treasurer :

W. D. HAYWARD, A.I.M.T.A.

Architect :

T. RUDDIMAN WOOD, A.R.I.B.A., D.ARCH
(ABERDEEN)

Regional Engineer :

H. A. MAGNEE, B.SC.(ENG.), A.M.I.C.E.

Senior Admin. Medical Officer :

H. L. GLYN HUGHES, C.B.E., D.S.O., M.C.,
M.R.C.S., L.R.C.P.

Psychiatrist :

R. F. TREDGOLD, M.A., L.R.C.P., M.R.C.S., D.P.M.

Deputy Senior Medical Officer :

J. S. S. FAIRLEY, M.D., B.CHIR.

Assistant Senior Medical Officer :

W. S. ROPER SAUNDERS, M.R.C.S., L.R.C.P., D.P.H.

Nursing Officer :

MISS F. A. CAMPBELL, S.R.N., S.C.M.

Teaching Hospitals within Region : Guy's Hospital, King's College Hospital, The Bethlem and Maudsley Hospitals.

SOUTH EAST METROPOLITAN REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Camberwell Hospital Management Committee

Secretary : A. BERGER,
Dulwich Hpl.

Finance Officer : T. J. WALLIS, F.H.A.,
Dulwich Hpl.

Chairman : C. E. A. BEDWELL, F.H.A.,
8, Sunray Avenue, London, S.E.24.

Engineer : E. W. J. FYNN, M.I.E.C., M.I.PLANT.E.,
Dulwich Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Dulwich Hpl., East Dulwich Grove, London, S.E.22	New Cross 4834	H. A. Lewington, F.H.A. Dr. O. W. Roberts (Med. Supt.) Miss M. A. Cole	287 336	70			30					387 336		a, d, l, m, n, o, t, u
St. Francis' Hpl., Constance Road, East Dulwich, London, S.E.22	Brixton 5485	B. J. P. McDonald, F.H.A. Dr. O. W. Roberts (Med. Supt.) Miss L. M. Smith			293 270			82				375 270		m, n, t, z
St. Giles' Hpl., St. Giles' Road, Camberwell, London, S.E.5	Rodney 4221	E. F. Greggains, F.H.A. Dr. W. Feldman (Med. Supt.) Miss V. M. Snelling	194 552	64								258 552		a, l, m, n, o, t, u
Norwood Children's Hpl., Elder Road, Norwood, London, S.E.27														Leased to London County Council
Lambeth Chest Clinic (1), 2 Effra Road London, S.W.2	Brixton 2761	A. Berger Dr. C. F. Price (Chest Physician)												u
Camberwell Chest Clinic (1), 23, Brunswick Park, Camberwell, London, S.E.5.	Rodney 2984	A. Berge Dr. C. F. Price (Chest Physician)												u
Rheumatism and Allied Diseases Clinic (1) 160, Peckham Rye, London, S.E.22.	New Cross 4512	A. Berger.												u
TOTAL BED COMPLEMENT			481 888	134	293 270		30	82				1,020 1,158		

SUB-GROUPING
(1) Forming part of Sub-Group Senior Administrative Officer :—A. BERGER, Dulwich Hpl.

2. Bermondsey and Southwark Group Hospital Management Committee

Secretary : E. H. HURST, F.H.A.,
New Cross General Hpl.

Finance Officer : J. M. BICKEL, A.H.A., A.L.A.A., A.T.I.F.,
New Cross General Hpl.

Chairman: Professor T. B. JOHNSTON, C.B.E., M.D.,
Superintendent's Office,
Guy's Hpl., London, S.E.1

Supplies Officer : H. A. PALMER, F.H.A.,
New Cross General Hpl.

Engineer : G. MERCER,
St. Olave's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
St. Olave's Hpl., Lower Road, Rotherhithe, London, S.E.16	Bermondsey 3166	L. C. Thick, A.H.A. R. A. V. Lewys-Lloyd, M.B., F.R.C.S., D.P.H. (Surgeon Supt.) Miss M. Nicoll, S.R.N., S.C.M.	197 407	10 50	32		3					242 457		a, l, n, t, u, v
Bermondsey Medical Mission Hpl., 44, Grange Road, London, S.E.1	Bermondsey 2616	Miss A. M. Corlett Barbara G. Morton, M.B., B.S. (Med. Supt.) Miss M. Owen, S.R.N., S.C.M.	23									23	3	n, u
New Cross General Hpl., Avonley Road, New Cross, London, S.E.14	New Cross 4380	P. Gower, A.H.A. Miss J. Blunt, S.R.N., R.F.N. (Acting)							544			544		l
Dunroan Home, 53, Park Farm Road, Bickley, Kent	Imperial 3701	Miss A. M. Corlett Barbara G. Morton, M.B., B.S. (Med. Supt.) Miss M. K. Wilmshurst, S.R.N., S.C.M.	10 1		19							29 1		n
Public Health Centre, 108, Grange Road, London, S.E.1	Bermondsey 2826	F. R. Parker D. M. Connan, M.D., B.S., D.P.H. (Med. Supt.)												n, u
T.B. Dispensary, Walworth Road, London, S.E.17	Rodney 3356	F. K. Pritchard, M.R.C.S., L.R.C.P., D.P.H. (Med. Supt.)												n, u
Hpl. for Diseases of the Skin, 71, Blackfriars Road, London, S.E.1	Waterloo 6001	R. Alder												n, u
St. George's Dispensary for Children, 86, Blackfriars Road, London, S.E.1	Waterloo 4231	R. Alder Mrs. E. C. Chatfield, S.R.N., S.C.M. (Supt.)	8									8		n, u
St. John's Centre, Larcom Street, Walworth Road, London, S.E.17		R. Alder Mrs. E. C. Chatfield, S.R.N., S.C.M. (Supt.) TOTAL BED COMPLEMENT	238 408	10 50	51		3					302 1,002	3	n, u

3. Greenwich and Deptford Hospital Management Committee

Secretary : R. J. HUGHES, F.H.A.,
St. Alfege's Hpl.

Finance Officer : H. J. ANDERSON,
St. Alfege's Hpl.

Chairman : E. C. SHERWOOD,
21, Finland Road,
Brockley, London, S.E.4

Supplies Officer : J. F. RUEL, A.H.A.,
St. Alfege's Hpl.

Engineer : G. SIMM, M.I.E.C.,
St. Alfege's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Miller General Hpl. (including Almeric Paget Massage Clinic), Greenwich High Road, London, S.E.10	Tideway 1136	I. G. Scott, M.C. Miss A. G. Warnecker, S.R.N.	171								9	180	22	a, l, n, r, t, v
St. Alfege's Hpl. (1), Vanbrugh Hill, Greenwich, London, S.E.10	Greenwich 2655	J. F. Ruel, A.H.A. B. A. Young, M.D., M.R.C.P. (Med. Supt.) Miss A. B. Anderson	275 112	54 17			24					353 129		a, n, o, t, u, v
St. Alfege's Hpl. (11), Vanbrugh Hill, Greenwich, London, S.E.10	Greenwich 2655	J. F. Ruel, A.H.A. B. A. Young, M.D., M.R.C.P. (Med. Supt.) Miss A. B. Anderson			253 35							253 35		n, t
Chest Clinic (Greenwich), 41, Maze Hill, London, S.E.10	Greenwich 2800	C. W. L. Jeanes, M.R.C.S., L.R.C.P. (Chest Physician)												u
Chest Clinic (Deptford), Harton Street, London, S.E.8	Tideway 1832	J. P. V. Rigby, M.A., B.M., CH.B., M.R.C.S., L.R.C.P. (Chest Physi- cian)												u
TOTAL BED COMPLEMENT			446 112	54 17	253 35		24				9	786 164	22	

4. Lewisham Group Hospital Management Committee

Secretary : A. J. TASKER,
Lewisham Hpl.
Tel.: Lee Green 6171

Finance Officer : C. J. FULLER, A.C.I.S.
Lewisham Hpl.
Tel.: Lee Green 6171

Supplies Officer : H. O. SKITT,
Lewisham Hpl.
Tel.: Lee Green 6171

Engineer : J. H. PATTISON, A.M.I.MECH.E.,
Lewisham Hpl.
Tel.: Lee Green 6171

Lewisham Hpl., High Street, Lewisham, London, S.E.13	Lee Green 4466	H. Nockolds, D.S.O., M.B., B.S., F.R.C.S. (Med. Supt.) Miss M. C. Bell	334	64							213*	398 213		a, d, l, n, p, t, u, v *No definite allocation
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5. Woolwich Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
T.B. Dispensary, 11, Carnecke Gardens, London, S.E.9	Eltham 2271													
T.B. Dispensary, Maxey Road, London, S.E.18	Woolwich 0590													
Physical Medicine Clinic, Market Street, London, S.E.18	Woolwich 1127													
Woolwich Orthopaedic Clinic, 8, Thomas Street, Woolwich, London, S.E.18	Woolwich 1540	Miss G. Linden (Almoner)												
TOTAL BED COMPLEMENT			537 565	160 67		160 45	64					857 741		

6. Seamen's Hospital Management Committee

Secretary : F. A. LYON, O.B.E., B.A., F.H.A., "Dreadnought" Seamen's Hpl.			Chairman : F. A. BAKER, Royal Courts of Justice, London, W.C.2			Supplies Officer : P. G. S. BISHOP, "Dreadnought" Seamen's Hpl.			
Finance Officer : G. W. MARTIN, "Dreadnought" Seamen's Hpl.			Principal Matron : Miss C. HOWARD, Seamen's Hpl.			Engineer : W. J. EVANS, "Dreadnought" Seamen's Hpl.			
"Dreadnought" Seamen's Hpl., Greenwich, London, S.E.10	Greenwich 3433	D. A. C. Price, F.H.A. Miss E. L. Noble	114 68	10	+			128 72	a, d, l, v
Albert Dock Seamen's Hpl., Alnwick Road, London, E.16		D. A. C. Price, F.H.A. Miss Q. E. E. Ager	55		4			55	b, l
Port of London Isolation Hpl., Denton, Gravesend, Kent	Gravesend 357	D. A. C. Price, F.H.A. Matron: (vacant)		20 20				20 20	
Angas Convalescent Home for Seamen, Cudham, Kent	Biggin Hill 3	D. A. C. Price, F.H.A. Miss E. M. Smith (Sister-in-charge)					30*	36	*Convalescent.
TOTAL BED COMPLEMENT			169 68	30 20	4 4		36	239 92	

7. Sidcup and Swanley Hospital Management Committee

Secretary : C. ELLINGWORTH, M.B., B.S.,
Queen Mary's Hpl.
Finance Officer : C. C. WALLIN, A.I.M.T.A.,
Queen Mary's Hpl.

Chairman : C. W. BROOK, PH.D., M.R.C.S., L.R.C.P.,
218, Court Farm Road,
Mottingham, London, S.E.9

Supplies Officer : F. KNIGHT, A.H.A., A.R.S.N.I.,
Queen Mary's Hpl.
Engineer : A. F. WRIGHT,
Queen Mary's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	Notes
Queen Mary's Hpl., Sidcup, Kent	Footscray 3014	C. Ellingworth, M.B., B.S. (Chief Admin. Officer and Med. Supt.) Miss E. M. Crouch	147 243				120				.	267 243		n, t, u
Sidcup Cottage Hpl., Birkbeck Road, Sidcup, Kent	Footscray 2068	J. Hales Mrs. Hollis Jenkins	15									15		u
Cray Valley Hpl., St. Paul's Cray, Kent	Orpington 27	Miss D. Martin Miss M. O. Webster	20 7	4								24 7		n
Kettlewell Hpl., Swanley, Kent	Swanley Junction 172	S. W. Castle E. L. Sandiland, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H. (Physician Supt.) Miss E. Revington					80 20					80 20		c, e, n
White Oak Hpl., Swanley, Kent	Swanley Junction 14	J. A. Elwood Miss E. M. Kennett	144* 180									144 180		n. *Ophthalmic.
T.B. Dispensary, First Aid Post, White Horse Hill, Chislehurst, Kent		C. Ellingworth, M.B., B.S.												
T.B. Dispensary, First Aid Post, Sherwood Park Avenue, Sidcup, Kent		C. Ellingworth, M.B., B.S.												
TOTAL BED COMPLEMENT			326 430	4			200 20					530 450		

8. Dartford Hospital Management Committee

Secretary : E. J. M. DURRANT,
Bow Arrow Hpl.
Tel. : Dartford 4477

Finance Officer : E. WARBURTON, A.S.A.A., A.I.M.T.A., A.C.I.S.,
Bow Arrow Hpl.
Tel.: Dartford 4477

Chairman : W. L. PARRY, B.S.C.,
27, Watling Street,
Dartford, Kent

Supplies Officer : C. C. DUNCAN, LL.B.,
Bow Arrow Hpl.
Tel.: Dartford 4477

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
West Hill Hpl., West Hill, Dartford, Kent	Dartford 3223	E. J. M. Durrant Dr. J. S. Cochrane, M.B., B.S. (Med. Supt.) Miss I. K. Foksett	176	46	66		4	72				364		a, l, m, n, p, t, u, v, y, z
			40	13								53		m, n, u, v
Livingstone Hpl., East Hill, Dartford, Kent	Dartford 3322	E. J. M. Durrant Miss B. O'Dwyer Thomas	245	20						1,435		265 1,435		a, d, l, m, n, t, u
Southern Hpl., Dartford, Kent	Dartford 3281	E. J. M. Durrant R. G. Henderson, C.B.E., M.D., CH.B., D.P.H. (Med. Supt.) Miss C. Varo	199	6	60	28				811		293 811		a, l, m, n, t, u
The River Hpls., Joyce Green, Dartford, Kent	Dartford 3231	E. J. M. Durrant, M. Mitman, M.D., F.R.C.P., D.P.H. (Med. Supt.) Miss B. G. Vivian				50 70						50 70		j, m, n
Bow Arrow Hpl., Bow Arrow Lane, Dartford, Kent	Dartford 3369	E. J. M. Durrant, M. Mitman, M.D., F.R.C.P., D.P.H. (Med. Supt.) Miss D. R. Bignell		11 3								11 3		
Riseley Maternity Hpl., Horton Kirby, Nr. Dartford, Kent	Farningham 3130	E. J. M. Durrant Miss E. M. Ogston												
Chest Clinic, 41, Overy Street, Dartford, Kent	Dartford 3378	E. J. M. Durrant H. C. Calvey, M.B., D.P.H. (Chest Physician)												
V.D. Clinic, West Hill Hpl., Dartford, Kent	Dartford 3223	E. J. M. Durrant	660	96 3	126	78 70	4	72		2,246		1,036 2,319		
TOTAL BED COMPLEMENT														

9. Medway and Gravesend Hospital Management Committee

Secretary: T. RHODES, F.H.A.,
St. William's Hpl.
Tel.: Chatham 4688

Finance Officer: G. M. MAYES, A.S.A., A.I.M.T.A.,
St. William's Hpl.
Tel.: Chatham 4688

Chairman: Alderman R. W. RULE, J.P.,
52, St. Helen's Road,
Sheerness, Kent

Supplies Officer : C. E. CHAPMAN, F.H.A.,
Gravesend and North Kent Hpl.

Hospitals Surveyor : A. HALL, L.I.O.B.,
All Saint's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
St. Bartholomew's Hpl. (1), New Road, Rochester, Kent	Chatham 4278	A. S. Mason, A.H.A., F.C.C.S. Miss L. P. Green	186							15	201		<i>a, l, r, t</i>
All Saints' Hpl., 42, Magpie Hall Road, Chatham, Kent	Chatham 3686	H. B. Foxell, F.H.A. P. Berry, M.D. (Surgeon Supt.) Miss E. M. Worth	142	49	90	8	24	56			369		<i>a, l, p, t, x, y</i>
St. William's Hpl. (1), Delce, Rochester, Kent	Chatham 3243	A. S. Mason, A.H.A., F.C.C.S. Miss J. Loft				8 78					8 78		
Sittingbourne and District War Memorial Hpl., Bell Road, Sittingbourne, Kent	Sittingbourne 19	Miss M. E. Herd (Matron)	14							2	16		
Sheppey General Hpl., Minster, Sheppey, Kent	Minster 316	A. W. Stone, A.H.A. P. Berry, M.D. (Surgeon Supt.) Miss E. Phillips	104	21							125		<i>b</i>
Gravesend and North Kent Hpl., Bath Street, Gravesend, Kent	Gravesend 274	C. E. Chapman, F.H.A. Miss C. M. Butland	97	12	12					24	145		<i>a, l, m, t, v</i>
Keycol Hill Hpl., Key Street, Sittingbourne, Kent	Newington 22	Miss G. E. Hazel (Matron)				40 55	29 20				69 75		<i>Closed, future use being determined.</i>
Borough Sanatorium, Whitehill Road, Gravesend, Kent	Gravesend 138	D. J. Nichols Mrs. Nichols			74						74		<i>n</i>
St. James's Hpl., Trafalgar Road, Gravesend, Kent	Sittingbourne 68	W. F. Pittock, A.H.A. Mrs. M. Pittock			146						146		<i>n</i>

9. Medway and Gravesend Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
T.B. Dispensary, 28, Nelson Road, Gillingham, Kent		Dr. S. R. C. Price (Chest Physi- cian)												"
T.B. Dispensary, 13, New Road, Rochester, Kent	Chatham 2182	Dr. S. R. C. Price (Chest Physi- cian)												"
V.D. Clinic, 22, Cobham Street, Gravesend, Kent	Gravesend 1061	Dr. C. M. Ockwell (Medical Director)												"
T.B. Dispensary, 36, Albany Road, Sittingbourne, Kent	Sittingbourne 798	Dr. J. A. Robson (Chest Physician)												"
V.D. Clinic, 36, New Road, Rochester, Kent	Chatham 3343	Dr. E. E. Prebble (Director)												"
V.D. Clinic, 61, Alma Road, Sheerness, Kent		Dr. C. M. Ockwell (Director)												"
T.B. Dispensary, Granville Villa, Granville Road, Sheerness, Kent	Sheerness 7557	Dr. S. R. C. Price (Chest Physician)												"
T.B. Dispensary, Clinic for Diseases of the Chest, Gravesend and North Kent Hpl., Bath Street, Gravesend, Kent	Gravesend 274	Dr. H. C. Calvey (Chest Physician)												"
TOTAL BED COMPLEMENT			543	82	322	56 133	53 20	56			41	1,153 153		

SUB-GROUPING

(1) Rochester Sub-Group

Senior Administrative Officer : A. S. MASON, F.C.C.S., St. Bartholomew's Hpl.

10. Canterbury Group Hospital Management Committee

Secretary : J. F. KENT, F.H.A.,
St. Martin's Hpl., Canterbury, Kent.
Tel. : Canterbury 4408/9

Finance Officer : R. M. BRAZIER,
St. Martin's Hpl.

Chairman : E. J. MOUNT,
Rose Lodge,
Nackington, Canterbury,
Kent

Supplies Officer : J. SKELTON,
St. Martin's Hpl.

Engineer : E. CHYNOWETH,
Kent and Canterbury Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Kent and Canterbury Hpl. (1), Ethelbert Road, Canterbury, Kent	Canterbury 2291/3	M. D. Kay, A.H.A. Miss M. Sheehan, S.R.N., S.C.M.	187	12						18	217	9	a, l, n, t, u, v	
Dane John Maternity Hostel, Dane John, Canterbury, Kent. (<i>Part of Kent and Canterbury Hpl.</i>)	Canterbury 2910	M. D. Kay, A.H.A. Miss M. Sheehan, S.R.N., S.C.M.		8							8			
Canterbury Isolation Hpl. (1), Stodmarsh Road, Canterbury, Kent	Canterbury 2076	Dr. M. S. Harvey (Med. Supt.) Miss E. Lewis, R.F.N.				39 39					39 39			
Whitstable and Tankerton Hpl. (3), Northwood Road, Tankerton, Kent	Whitstable 2279	W. Digby Whiteoak, A.H.A., F.C.C.S. Miss A. Eade, S.R.N., S.C.M.	42	14							56	10	u	
Queen Victoria Memorial Hpl. (2), King Edward Avenue, Herne Bay, Kent	Herne Bay 23	Miss I. Andress Miss R. Revill, S.R.N., S.C.M.	34							6	40	4	u	
Faversham Cottage Hpl. (3), Stone Street, Faversham, Kent	Faversham 2194	W. Digby Whiteoak, A.H.A., F.C.C.S. Miss E. E. Brown, S.R.N., S.C.M.	22								22			
Herne Hpl. (3), Herne Common, Herne Bay, Kent	Herne Bay 29	A. Mercer Mrs. A. Mercer, S.R.N., C.M.B.			129 10						129 10		y, z	
Nunnery Fields Hpl. (1), Nunnery Fields, Canterbury, Kent	Canterbury 2196	W. Copley, F.H.A. Mrs. W. Copley, S.R.N., S.C.M.			122			9			131		x, y, z	
St. Anne's Convalescent Home for Children (2), St. George's Terrace, Herne Bay, Kent	Herne Bay 116	W. I. Driscoll Miss A. Dyer, S.R.N., S.F.N., S.C.M.								112* 18*	112 18		*Convalescent	

10. Canterbury Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Crole Wyndham Memorial Convalescent Home for Sick Children (2), Sea View Road, Bellingr, Herne Bay, Kent	Herne Bay 416	Miss L. E. Kolner, S.R.N. (Sister- in-charge)								19*		19		*Convalescent
T.B. Dispensary, 13, South Road, Faversham, Kent														"
T.B. Dispensary, 18, New Dover Road, Canterbury, Kent	Canterbury 2336													"
T.B. Dispensary, Kent County Council Clinic, Cavendish Road, Herne Bay, Kent	Herne Bay 1241													"
V.D. Clinic, Kent and Canterbury General Hpl., Ethelbert Road, Canterbury, Kent	Canterbury 2291/3													
TOTAL BED COMPLEMENT			285	34	251 10	39 39		9		131 18	24	773 67	23	

SUB-GROUPING

- (1) Canterbury District House Committee Sub-Group
- (2) Herne Bay District House Committee Sub-Group
- (3) Herne, Faversham and Whitstable District House Committee Sub-Group
- Senior Administrative Officer :—
J. F. KENT, F.H.A., St. Martin's Hpl.

JOINT USER ARRANGEMENTS
In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for H.M.C.
Bensted House, Ospringe, Faversham, Kent The Close, Bridge, Nr. Canterbury, Kent	Faversham 2183 Bridge 265	Kent County Council Kent County Council	136 51

11. Isle of Thanet Hospital Management Committee

Secretary : J. BROWN, F.H.A.,
Haile Isolation Hpl.

Finance Officer : E. BLACK,
Haile Isolation Hpl.

Chairman : Alderman the Rev. H. SAMUEL,
Shalom, Brockenhurst Road,
Ramsgate.

Supplies Officer : P. W. HOPE,
Haile Isolation Hpl.

Engineer : A. A. MANSELL,
Haile Isolation Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Ramsgate and Margate General Hpl. General Hpl., West Cliff Road, Ramsgate, Kent	Ramsgate 1492	L. W. Mitchell, A.H.A. Miss V. M. P. Thomas	81	13							7	101		a (complete school with the Gloucestershire Ryl. Inf. & Eye Inst.), l, u, v
General Hpl., St. Peter's Road, Margate, Kent	Margate 1700	L. W. Mitchell, A.H.A. Miss E. M. Rice	88	14	16						14	116 16		l, u, v
Isolation Hpl., Haile Road, Haile, Kent	Ramsgate 1	L. W. Mitchell, A.H.A. Miss E. J. Cook				35 75						35 75		k, l
Metropolitan Convalescent Home for Children, Lanthorne Road, Broadstairs, Kent	Broadstairs 1067	A. J. Mayo, F.H.A. Miss D. N. Watson									100* 14*	100 14		*Convalescent
Princess Mary's Hpl., Wilderness Hill, Margate, Kent	Margate 578	Dr. J. O. Reid (Med Supt.) Miss M. B. Duncan									251†	251		†Rehabilitation
Diabetic Convalescent Home (Women and "St. Mary's," Beach Avenue, Birchington, Kent	Birchington 390	A. J. Mayo, F.H.A. Miss D. M. Spencer									52*	52		
Diabetic Convalescent Home (Children), Mansford House, Spencer Road, Birchington, Kent	Birchington 386	A. J. Mayo, F.H.A. Miss D. M. Spencer									18*	18		
Hill House Hpl., Minster, Ramsgate, Kent	Minster (Ramsgate) 335	F. Thurnham Mrs. E. Thurnham			120							120		
Royal Sea Bathing Hpl., Canterbury Road, Margate, Kent	Margate 2424	A. J. Mayo, F.H.A. Dr. B. W. Armstrong (Med. Supt.) Miss H. F. Harcourt					200 120					200 120		c, l
Victoria Home for Invalid Children, Canterbury Road, Margate, Kent	Margate 791	A. J. Mayo, F.H.A. Miss I. L. Harris									60	60		

a (complete school with
the Gloucestershire
Ryl. Inf. & Eye
Inst.), l, u, v

l, u, v

k, l

*Convalescent

†Rehabilitation

c, l

11. Isle of Thanet Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
T.B. Chest Clinic, South Eastern Road, Ramsgate, Kent	Ramsgate 640	Dr. F. O. Potter (Chest Physician)													
V.D. Clinic, The General Hpl., Margate, Kent	Margate 1700	Dr. E. E. Prebble (Med. Supt.)													
TOTAL BED COMPLEMENT			169	27	120 16	35 75	200 120				481 14	21	1,053 995		

12. South East Kent Hospital Management Committee

Secretary : E. F. WEBB,
Ash-Eton, Radnor Park West, Folkestone, Kent
Tel. : Folkestone 51281/3

Finance Officer : A. R. MILLS, A.I.M.T.A.,
Ash-Eton, Radnor Park West, Folkestone, Kent

Chairman : Major A. S. LAMPARD,
14, Augusta Gardens,
Folkestone, Kent

Supplies Officer : H. SUMMERFIELD,
Ash-Eton, Radnor Park West, Folkestone, Kent

Royal Victoria Hpl., Radnor Park Avenue, Folkestone, Kent	Folkestone 2253	Miss E. Bingham, A.H.A. Miss M. A. Crowther, M.B.E.	96 17	14	7		2				7 10	126 27		a, m, n, u, v
Royal Victoria Hpl., Dover, Kent	Dover 253	Miss D. M. Elwin, F.H.A. A. R. Jordan, M.D., F.R.C.S. Miss M. E. Eales [(Med. Supt.)]	68	6							6	80		a (complete school with Buckland Hpl.), m, n, u
Ashford Hpl., King's Avenue, Ashford, Kent.	Ashford 920	R. White, F.H.A., A.C.C.S. Miss K. Daly	94	4	11						16	125		a, l, m, n, u, v
Victoria, Deal, Walmer and District Hpl., London Road, Deal, Kent	Deal 248	F. C. Yates Miss M. Paxton	45	1	4		1				4	55		aa, m, n, u, v
Willesborough Hpl., Willesborough, Nr. Ashford, Kent	Willesborough 359	R. S. Hewetson Miss O. M. Wain	121	17	14							152		l, m, n
Buckland Hpl., Union Road, Buckland, Kent	Dover 231	H. W. Connarley, A.H.A. A. R. Jordan, M.D., F.R.C.S. (Med. Supt.) Miss M. E. Eales	82 106	4 16	12	2						100 122		a (complete school with Royal Victoria Hpl.), m, n, u, v
Ashford Infectious Diseases Hpl., Warren Lane, Ashford, Kent	Ashford 31	Dr. J. Marshall, M.B., B.Ch., D.P.H. (Med. Supt.) Miss M. Shallcross				8 16						8 16		m, n

12. South East Kent Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Poulton Smallpox Hpl., Dover, Kent														It is understood that it will no longer be used as hpl. Closed
Isolation Hpl., Romney Road, Lydd, Kent														
Dover Isolation Hpl., Tower Hamlets, Noah's Ark Road, Dover, Kent	Dover 271	Miss E. H. Holloway (Matron)				15 13						15 13		m, n
Hothfield Hpl., Nr. Ashford, Kent	Charing 136	G. Moyes Mrs. G. Moyes			80 64							80 64		m, n
Eastry Hpl., Eastry, Nr. Sandwich, Kent	Eastry 221	J. W. Belfield, A.H.A. Mrs. J. Belfield			17			160	25			202		m, u, x, y, z
St. Mary's Hpl., Hill House, Etchinghill, Nr. Folkestone, Kent	Lyminge 87102	W. E. Steele, M.M., A.H.A. Mrs. N. Maughan			180							180		l, m, n
Eversley Nursery for Convalescent Children, Horn Street, Hythe, Kent	Sandgate 78474	Miss N. M. Raban (Acting Matron)								20*		20		*Convalescent
T.B. Dispensary, 16, Clanwilliam Road, Deal, Kent		Dr. B. G. Edelston, M.D. (Chest Physician)												
T.B. Dispensary, Barrow Hill Place, Ashford, Kent		Dr. J. A. Robson, M.D., D.P.H. (Chest Physician)												
T.B. Dispensary, 9, Eastbrook Place, Dover, Kent		Dr. B. G. Edelston, M.D. (Chest Physician)												
T.B. Dispensary, 80, Dover Road, Folkestone, Kent	Folkestone 3040	Dr. B. G. Edelston, M.D. (Chest Physician)												
TOTAL BED COMPLEMENT			506 123	46 16	325 64	25 29	3	160	25	20	33 10	1,143 242		

13. Mid-Kent Hospital Management Committee

Secretary : F. W. KIRK,
Kent County Ophthalmic and Aural Hpl.
Tel. : Maidstone 3270

Finance Officer : A. H. DEAN,
Kent County Ophthalmic and Aural Hpl.
Tel. : Maidstone 3270

Chairman : C. P. WHITEHEAD,
9, King Street, Maidstone, Kent

Supplies Officer : D. BISHOP,
Kent County Ophthalmic and Aural Hpl.
Tel. : Maidstone 4539

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
West Kent General Hpl., Marsham Street, Maidstone, Kent	Maidstone 4263	D. W. Coleman Miss A. J. Brown, S.R.N., S.C.M.	113	17							10	140	5	a, d, l, n, u, v
Kent County Ophthalmic and Aural Hpl., Church Street, Maidstone, Kent	Maidstone 3270, 2387	John W. Strickland, F.H.A. Miss F. L. R. Stevens, D.N.	112								6	118	4	c, l, n
Cecil Cragg Cottage Hpl., Pilgrim's Way, Wrotham, Kent	Fairseat 33													(closed pending re- opening as midwifery training school)
Loose Isolation Hpl., Nr. Maidstone, Kent	Loose 83507	Miss M. I. Adair, S.R.N., S.C.N., S.R.F.N. (Matron)				36						36		
Barming Isolation Hpl., Fant Lane, Maidstone, Kent	Maidstone 86226	Miss K. M. Heavens, S.R.N., S.R.F.N., S.C.M. (Matron)				28						28		
Lenham Sanatorium, Nr. Maidstone, Kent	Lenham 314	G. E. Smither, A.H.A. R. Livingstone, M.B., CH.B. (Med. Supt.) Miss H. Beckett, S.R.N.					106 64					106 64		c, e, l, n
" West View," Tenterden, Kent	Tenterden 15	Admin. Officer : (vacant) Miss P. G. Waddington, S.R.N.			65 7				35			100 7		n, x
Coxheath Hpl., Linton, Nr. Maidstone, Kent	Loose 83146	E. C. Groves, A.H.A. Miss W. M. Sharpe, S.R.N., S.C.M.			243 70							243 70		l, n, y, z
Chest Clinic, Foster Street, Maidstone, Kent	Maidstone 2987	D. L. Pugh, M.R.C.S., L.R.C.P. (Chest Physician)												u
V.D. Clinic, West Kent General Hpl., Maidstone, Kent	Maidstone 4263													u
TOTAL BED COMPLEMENT			225	17	308 77	64	106 64		35		16	771 141	9	

14. Preston Hall Hospital Management Committee

Secretary : A. A. Howick, F.H.A.,
Preston Hall

Chairman : Major Sir Brunel Cohen, K.B.E.,
82, Portland Place, London, W.1

Finance Officer : J. W. Joel, B.E.M.,
Preston Hall,

Engineer : F. Mack, A.I.M.A.R.E.,
Preston Hall

Hospital	Te'ephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Preston Hall T.B. Hpl., British Legion Village, Maidstone, Kent	Aylesford 7262	A. A. Howick, F.H.A. F. Temple (live, M.B., B.S. (Physi- cian Supt.) Miss E. E. Hughes, R.R.C.					275					275		l, n
							275						275	
TOTAL BED COMPLEMENT							275					275		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for H.M.C.
Preston Hall, British Legion Village, Maidstone, Kent	Aylesford 7262	British Legion Village	236

15. Tunbridge Wells Group Hospital Management Committee

Secretary : E. A. Wagstaff, F.H.A.,
Sherwood Park, Pembury Road, Tunbridge Wells, Kent.
Tel. : Tunbridge Wells 3444

Chairman : Alderman R. H. Burslem, J.P.,
8, Chilston Road, Tunbridge Wells, Kent

Finance Officer : B. G. Spencer, F.I.M.T.A., A.S.A.A.,
Sherwood Park, Pembury Road, Tunbridge Wells, Kent.

Supplies Officer : J. R. Garrett, F.H.A.,
Sherwood Park, Pembury Road, Tunbridge Wells, Kent.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Tunbridge Wells District Hpl., Mount Ephraim, Tunbridge Wells, Kent	Tunbridge Wells 20201	A. C. Waight Miss M. Freere, S.R.N., S.C.M.	248							84	18	266 84		a, d, l, n, t, u, v

15. Tunbridge Wells Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Tunbridge Wells District Hpl., Pembury, Nr. Tunbridge Wells, Kent	Pembury 263	J. R. Garrett, F.H.A. E. D. Y. Grasby, M.D., M.R.C.O.G. (Surgeon Supt.) Miss T. Fagelman, S.R.N., S.C.M.	285 235	62 16	30							377 251		a, d, l, n, p, t, u
Queen Victoria Cottage Hpl., Vauxhall Lane, Tonbridge, Kent	Tonbridge 3653	Sir John Dain, C.I.E. (Hon. Sec.) Miss A. S. Mayne, S.R.N., S.C.M.	25								6	31		n
Queen Victoria Hpl.,* Holtys Road, East Grinstead, Sussex	East Grinstead 987	W. Guthrie Kirkhope Sir Archibald McIndoe, C.B.E., M.S., M.Sc., F.R.C.S., F.A.C.S. (Surgeon-in-Charge) Miss C. H. Hall, S.R.N.	186								15	201		u, v. *Plastic surgery and jaw injuries centre
Homoeopathic Hpl., Church Road, Tunbridge Wells, Kent	Tunbridge Wells 65	C. Vinall (Hon. Sec.) Miss C. Cox, S.R.N., S.C.M.	22								8	30		u
Edenbridge & District War Memorial Hpl., Edenbridge, Kent	Edenbridge 2137	Miss G. O. Thomson J. J. Coulthard, M.B., CH.B., F.R.C.S. (Med. Supt.) Miss M. A. Eden, S.R.N., S.R.C.N., S.C.M.	23 9								3	26 9		u, v
Hawkhurst Cottage Hpl., High Street, Hawkhurst, Kent	Hawkhurst 45	W. Gladdish Miss L. Hammond, S.R.N., C.M.B.	8 5								2	10 5		
Crowborough War Memorial Hpl., South View Road, Crowborough, Sussex	Crowborough 70	Lt.-Col. D. L. Graham, O.B.E., M.B., F.R.C.S. (Hon. Sec.) Miss D. M. Webb, S.R.N., S.C.M.	21	6							9	36		
Capel Isolation Hpl., Capel, Five Oak Green, Tonbridge, Kent	Pembury 17	Miss E. K. Mackley, S.R.N., S.C.M., R.F.N. (Matron)				22 24						22 24		
Cranbrook & Tenterden Isolation Hpl., Swattenden Lane, Cranbrook, Kent	Cranbrook 2152	Miss E. F. Wright, S.R.N., C.M.B., R.F.N. (Matron)				8 18						8 18		
Tunbridge Wells & District Smallpox Hpl., Dislingbury, Nr. Tunbridge Wells, Kent	Pembury 18	J. R. Garrett, F.H.A. E. D. Y. Grasby, M.D., M.R.C.O.G. (Med. Supt.)				35						35		

15. Tunbridge Wells Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement.												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
V.D. Clinic, Tunbridge Wells District Hpl., Mount Ephraim, Tunbridge Wells, Kent	Tunbridge Wells 20201	Dr. C. M. Ockwell, M.D., M.B., B.S., F.R.C.S., L.R.C.P., D.P.H. Dr. W. H. Dickinson-Priest, L.R.C.S., L.R.C.P. (Med. Officers)													"
			818	131	30	117					61	1,267			
			249	20		42				94		405			
TOTAL BED COMPLEMENT															

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for H.M.C.
East Grinstead Institution, East Grinstead, Sussex	East Grinstead 76	East Sussex County Council	54

16. Orpington and Sevenoaks Hospital Management Committee

Secretary : L. G. BAIN, A.H.A., F.C.I.S.,
Orpington Hpl.
Tel.: Orpington 5075

Finance Officer : S. B. SARGEANT, A.H.A., F.C.C.S.,
Orpington Hpl.
Tel.: Orpington 5075

Chairman : H. J. LESTER, J.P., F.S.A.A.,
Orpington Hpl.

Supplies Officer: J. B. DOWERS, F.H.A., F.G.I., F.C.C.S., A.R.S.A.N.I.,
Orpington Hpl.
Tel.: Orpington 3347

Engineer : S. E. MABE, M.I.H.E., M.I.PLANT.E.,
Orpington Hpl.
Tel.: Orpington 1923/4, 3469

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Orpington Hpl., Orpington, Kent	Orpington 1923/4, 3469	R. D. Bilby E. A. Scott, F.F.A., R.C.S., D.A. (Physician Supt.) Miss L. Evans, S.R.N., S.C.M.	256		390		60					706		m, n, t, u
			342		42								384	
Sevenoaks Hpl., St. John's Hill, Sevenoaks, Kent	Sevenoaks 2946, 2265	Mrs. J. M. Ellison Mrs. D. M. Lawrence, S.R.N., S.C.M.	53									53	2	c, n
			11									11		
Oak Lane Isolation Hpl., Oak Lane, Sevenoaks, Kent	Sevenoaks 4386	J. M. Harrison, D.S.C., M.R.C.S., L.R.C.P. (Med. Officer) Miss D. Grice, S.R.N., R.F.N.				18						18		
						12						12		

16. Orpington and Sevenoaks Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Orford Isolation Hpl., Orford, Nr. Sevenoaks, Kent	Orford 70					12							12		
Cheyne & Hip Hpl., for Children, Eardley Road, Sevenoaks, Kent	Sevenoaks 2559	R. W. Elliston, F.H.A. D. E. Yarrow, M.B., B.CH., D.C.H., M.R.C.S., L.R.C.P. (Med. Officer) Miss E. M. Price Williams, S.R.N., R.S.C.N., S.C.M., M.I.H.	40										40		"
Sundridge Hpl., Ide Hill, Nr. Sevenoaks, Kent	Brasted 31	P. Boyle, A.H.A. K. L. S. Ward, M.B., B.CH. (Med. Officer) Mrs. J. M. Boyle, S.R.N.						134 40					134 40		" x, y, z
T.B. Dispensary, Dorset House, St. John's Road, Sevenoaks, Kent	Sevenoaks 364511	G. I. Rees Jones, M.R.C.S., L.R.C.P. (Med. Officer)													
TOTAL BED COMPLEMENT			349		390	18	60	134					951		
			353		42	24		40					459		

17. Bromley Group Hospital Management Committee

Secretary : R. C. MILLWARD, F.H.A., F.C.C.S., Farnborough Hpl. Tel.: Farnborough 2231	Finance Officer : W. S. LEA, A.I.M.T.A., Farnborough Hpl. Tel.: Farnborough 2231	Chairman : A. COLLINS, Baston Manor, Hayes, Bromley, Kent	Supplies Officer : J. W. LIS, F.H.A., Farnborough Hpl. Tel.: Farnborough 2231	Engineer : Lt.-Col. O. STURT, M.A., Farnborough Hpl. Tel.: Farnborough 2231											
Farnborough Hpl. (3), Farnborough, Kent	Farnborough 427	H. D. Tompsett, A.H.A. J. F. Hackwood, M.D., F.R.C.S., F.R.C.S.E. (Med. Supt.) Miss C. C. Peake, S.R.N., S.C.M.	382 106	100	24 4	40	112 8	658 118							a, d, l, n, o, t, u, v, y, z
Bromley Hpl. (2), 17, Cromwell Avenue, Bromley, Kent	Ravensbourne 6071	Miss M. Berkeley, S.R.N., S.C.M. (Matron)	145	70				215							a, l, n, o, t, u, v
Bromley, Chislehurst and District Maternity Hpl., 17, Cromwell Avenue, Bromley, Kent															Details included under Bromley Hpl.

17. Bromley Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Beckenham Hpl. (1), Croydon Road, Beckenham, Kent	Beckenham 0125	A. H. G. Easto, A.H.A., F.C.C.S Miss B. D. Hourston, S.R.N., S.C.M., D.S.S.	75	15	10							100		c, n, t, u, v
Beckenham Hpl. Annexe, Croydon Road, Beckenham, Kent														Details included under Beckenham Hpl.
West Kent Isolation Hpls. (2), Lennard Road, Bromley Common, Bromley, Kent	Hurstway 1000	J. Byers, M.B., C.H.B., D.P.H. (Med. Supt.)				77 183						77 183			n
Beckenham Maternity Hpl. (1), Stone Park Avenue, Beckenham, Kent	Beckenham 0018	A. H. G. Easto, A.H.A., F.C.C.S. Miss D. Beard, S.R.N., S.C.M.		38								38		n, o, u,
Sydenham Invalid Babies' Nursery (4), 41, Sydenham Hill, Sydenham, London, S.E.26	Forest Hill 4796	A. Elder Miss C. W. Rogers, S.R.N., S.C.M., R.C.S.N.	35									35		n
Children's Hpl. (1), West Wickham, Kent	Spring Park 1955	A. H. G. Easto, A.H.A., F.C.C.S. Miss M. Mackenzie, S.R.N.	40 40									40 40		n
Bromley Chest Clinic (2), 2, Park Road, Bromley, Kent	Ravensbourne 2686	Dr. D. Madigan, B.A., M.B., B.CH., B.A.O. (Med. Supt.)												
Penge Chest Clinic (1), 1, Westbury Road, Penge, London, S.E.20	Ravensbourne 2686	A. H. G. Easto, A.H.A., F.C.C.S. D. Madigan, B.A., M.B., B.CH., B.A.O. (Med. Supt.)												
Childrens' Hpl. (4), 321, Sydenham Road, London, S.E.26	Sydenham 7031	A. Elder, A.H.A. Miss S. Rhodes, S.R.N., S.C.M., R.S.C.N.	56 44									56 44		n
TOTAL BED COMPLEMENT			733 190	223	10	101 187	40		112 8			1,219 385		

SUB-GROUPING

- | | | |
|--|-----|---|
| (1) Beckenham House Committee Unit Sub-Group | ... | Senior Administrative Officer:—G. Easto, A.H.A., F.C.C.S., Beckenham Hpl. |
| (2) Bromley House Committee Sub-Group | ... | Senior Administrative Officer:—(Vacant) |
| (3) Farnborough House Committee Unit Sub-Group | ... | Senior Administrative Officer:—J. F. HACKWOOD, M.D., F.R.C.S., F.R.C.S.E., Farnborough Hpl. |
| (4) Sydenham House Committee Unit Sub-Group | ... | Senior Administrative Officer:—A. Elder, A.H.A., Sydenham Children's Hpl. |

18. Hastings Group Hospital Management Committee

Secretary : H. A. FROGGATT, F.H.A.,
11, Holmesdale Gardens, Hastings, Sussex.
Tel. : Hastings 5400

Chairman : Councillor Mrs. A. W. FARNFIELD, M.B.E., J.P.,
187, Ashburnham Road, Hastings, Sussex

Finance Officer : M. W. G. GODDARD, A.S.A.A.,
11, Holmesdale Gardens, Hastings, Sussex

Supplies Officer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
St. Helen's Hpl., Frederick Road, Ore, Hastings Sussex	Hastings 2609	H. Hoyle, A.H.A. L. H. Booth, M.B., CH.B. (Med. Officer) Miss A. M. Hopley S.R.N. S.C.M.	93	30	108		20 11	70	32	109*		462 11		l, x, y, z *Part accommodation III
	Hastings 285	W. G. Kensley Miss G. Martindale, M.B.E.	132	2						18	152			a, l, n, u, v
The Buchanan Hpl., Sprinfield Road, St. Leonard's-on-Sea, Sussex	Hastings 2666	Miss G. Y. Tyrrell Miss L. L. Burn, S.R.N., S.C.M.	87							17	104			a, l, n, u
	Bexhill 2121	Fredk. Geary, A.H.A., F.C.C.S. Miss A. D. Lawrence, S.R.N., S.C.M.	48							12	60			c, l, n, u
Rye, Winchelsea and District Memorial Hpl., Rye, Sussex	Rye 2109	P. Phipps, F.C.A. Miss D. R. Price, S.R.N., S.C.M.	14							1	15			n
Hastings Isolation Hpl. Frederick Road, Ore, Hastings, Sussex	Hastings 114	H. Hoyle, A.H.A. Dr. G. R. Bruce, O.B.E., M.A., M.D. (Med. Supt.) Miss F. J. Smith, S.R.N., R.F.N., S.C.M.				24 46						24 46		
	Brede 56	H. Hoyle, A.H.A. Dr. G. R. Bruce, O.B.E., M.A., M.D. (Med. Supt.) Miss F. J. Smith, S.R.N., R.F.N., S.C.M.				22						22		
Darvell Hall Sanatorium, Robertsbridge, Sussex	Robertsbridge 13	R. H. Crosse, F.H.A. J. R. Dingley, M.B., B.S. (Med. Supt.) Miss M. B. Russell, S.R.N., R.F.N.					120					120		n, t, u

18. Hastings Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Eversfield Chest Hpl., West Hill Road, St. Leonard s-on-Sea, Sussex	Hastings 351	T. H. Y. Smallwood V. St.G. Vaughan, B.A., M.D. (Med. Supt.) Miss J. F. Auld, S.R.N., S.C.M.				107						107		n, t, u
Fairlight Sanatorium, Old London Road, Ore, Hastings, Sussex	Hastings 538	Miss D. M. Fenn N. F. Stallard M.B. (Med. Supt.) Miss L. M. Storey, S.R.N.				54						54		n, t
Fern Bank Maternity Home, 90, Old London Road, Hastings, Sussex	Hastings 1244	H. Hoyle, A.H.A. Miss K. Morrison, S.R.N., S.C.M.		15						2		17		
Alexandra Home St. Peter's Road, St. Leonard's-on-Sea, Sussex	Hastings 498	Miss G. Y. Tyrrell Dr. J. M. Harker (Med. Officer) Miss S. Dix, S.R.N.			21							21		"
Battle Hpl., North Trade Road, Battle, Sussex	Battle 30	F. T. Wilkins, A.H.A. Dr. E. C. W. Maxwell (Med. Officer) Mrs. D. M. Wilkins, S.R.N., S.C.M.			76 25							76 25		"
Metropolitan Convalescent Home for Men, Cooden Sea Road, Bexhill-on-Sea, Sussex	Cooden 5	Fredk. Geary, A.H.A., F.C.C.S. Dr. R. A. Andrews (Med. Officer) Mrs. D. Musgrave, S.R.N., S.C.M.									94*	94		*Convalescent
Metropolitan Convalescent Home for Women, Upper Sea Road, Bexhill-on-Sea, Sussex	Bexhill 1131	Fredk. Geary, A.H.A., F.C.C.S. Dr. R. A. Andrews (Med. Supt.) Miss R. Peatfield, S.R.N., F.C.M.									90*	90		
T.B. Clinic, Royal East Sussex Hpl., Hastings, Sussex	Hastings 285	W. G. Kensley, G. R. Bruce, O.B.E., M.A., M.D. (Med. Officer)												u
T.B. Clinic, London Road, Bexhill-on-Sea, Sussex		Ruth Dingley, M.D. (Med. Officer) Miss E. M. Pinyon, S.R.N.												u
Margaret Street Hpl. for Diseases of the Chest,* 26, Margaret Street, London, W.1	Langham 4112	Miss D. M. Fenn		47	205 25	24 68	301 11	70	32	293	50	1396 104		u. *Outpatients only
TOTAL BED COMPLEMENT			374											

19. Eastbourne Hospital Management Committee

Secretary : R. F. P. GLEGG, F.H.A.,
29, Bedfordwell Road, Eastbourne, Sussex
Tel. : Eastbourne 2838/9

Finance Officer : V. W. E. PICKNELL, A.S.A.A., A.C.I.S.
29, Bedfordwell Road, Eastbourne, Sussex

Chairman : G. F. BOWES,
Batchelors, Cowbeech Hill, Hailsham, Sussex
Supplies Officer : P. W. TERRY, A.H.A.,
St. Mary's Hpl.
Tel. : Eastbourne 2921

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
St. Mary's General Hpl., Church Street, Eastbourne, Sussex	Eastbourne 3265	P. W. Terry, A.H.A. Miss H. J. de Pinto	134	22	136			7					299		a, l, n, u, v, z
Leaf Homoeopathic Hpl., 33, St. Anne's Road, Eastbourne, Sussex	Eastbourne 148	B. J. Pumfrey Miss K. G. Mackenzie	31										31	7	n, u
Isolation Hpl., East Dean Road, Eastbourne, Sussex	Eastbourne 77	R. F. P. Glegg, F.H.A. Miss D. M. Hately				64							64		n
Gildredge Sanatorium, Longland Road, Eastbourne, Sussex	Eastbourne 1370	R. F. P. Glegg, F.H.A. Miss M. E. Toyne					24						24		n
Maternity Home, 9, Upperton Road, Eastbourne, Sussex	Eastbourne 1267	R. F. P. Glegg, F.H.A. Miss F. Wroe		25									25		n, u
Royal Eye Hpl., Pevensey Road, Eastbourne, Sussex	Eastbourne 3048	B. J. Pumfrey Miss M. Excell	14										14		u
Seaside Convalescent Hpl., Seaford, Sussex	Seaford 2337	R. F. P. Glegg, F.H.A. Miss E. J. Youngman										28* 94*	28 94		*Convalescent
T.B. Dispensary, Ministry of Health, Public Health Department, Avenue House, The Avenue, Eastbourne, Sussex	Eastbourne 5064	R. F. P. Glegg, F.H.A.													u
Princess Alice Memorial Hpl., Carew Road, Eastbourne, Sussex	Eastbourne 3444	B. J. Pumfrey Miss H. J. de Pinto	120										120		a, d, l, n u, v

19. Eastbourne Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
V.D. Clinic, Isolation Hpl., East Dean Road, Eastbourne, Sussex	Eastbourne 77	R. F. P. Glegg, F.H.A.													"
Merlynn Convalescent and Rest Home, 5-7, Devonshire Place, Eastbourne, Sussex	Eastbourne 1460	R.F. P. Glegg, F.H.A. Miss E. M. Nash							46*			46			*Convalescent
TOTAL BED COMPLEMENT			285	47-	136	64	24	7		74		637	7		
			14							94		108			

20. Brighton and Lewes Hospital Management Committee

Secretary F. G. DAWES, F.H.A., F.C.I.S., Royal Sussex County Hpl. Tel.: Brighton 4251			Chairman : J. C. GAUKROGER, B.A., LL.B., 5, Bennet Drive, Hove, 4, Sussex			Supplies Officer : P. I. HUNT, F.H.A., Royal Sussex County Hpl. Tel.: Brighton 4251							
Finance Officer : E. H. KEYTE, A.C.I.S., A.S.A.A., A.I.M.T.A. Royal Sussex County Hpl. Tel.: Brighton 7268			Engineer : (n.y.a.)										
Brighton General Hpl. (1), Elm Grove, Brighton, Sussex	Brighton 6444	P. I. Hunt, F.H.A. Dr. S. J. Firth, M.D., D.P.H. (Med. Supt.) Miss E. Love, S.R.N., S.C.M.	240	70	316	8	87					721	a, d, l, n, o, t, u, v, z
Royal Sussex County Hpl. (2), Eastern Road, Brighton, 7, Sussex	Brighton 4251	Miss M. Taylor, F.H.A. Miss I. Milne, S.R.N., S.C.M.	278								26	304	a, l, m, n, r, t, u, v
Hove General Hpl. (4), Sackville Road, Hove, 3, Sussex.	Hove 5244	R. A. Kingsnorth, A.H.A. Miss A. M. Gibson, S.R.N., S.C.M.	66								9	75	a, l, n, u, v
Victoria Hpl. (7), Lewes, Sussex	Lewes 1531	Miss E. Harris Miss C. A. Grundon, S.R.N.	30								7	37	n, v
New Sussex Hpl. (6), Windlesham Road, Brighton, Sussex	Hove 5023	P. Spooner, F.H.A., F.C.I.S. Miss K. Saunders, S.R.N.	60								12	72	c, l, n, t, u
Bevendean Hpl. (1), Bear Road, Brighton, 7, Sussex	Brighton 9091	P. I. Hunt, F.H.A. Dr. S. J. Firth, M.D., D.P.H. (Med. Supt.) Miss M. A. Bennett, S.R.N.				90	80					170	j, l, n, t

20. Brighton and Lewes Hospital Management Committee—Cont.

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20. Brighton and Lewes Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Orthopaedic Clinic (4), St. Nicholas Hall, Abinger Road, Portslade, Sussex		F. G. Dawes, F.H.A., F.C.I.S.													"
															"
Orthopaedic Clinic (7), Castlegate House, Lewes, Sussex	Lewes 800	F. G. Dawes, F.H.A., F.C.I.S.													
TOTAL BED COMPLEMENT			867	130	420 60	130 40	88	87		10	67	1,799 100			

SUB-GROUPING

- (1) "A" House Committee Sub-Group

(2) "B" House Committee Sub-Group

(3) "C" House Committee Sub-Group

(4) "D" House Committee Sub-Group

(5) "E" House Committee Sub-Group

(6) "F" House Committee Sub-Group

(7) "G1" House Committee Sub-Group

(8) "G2" House Committee Sub-Group
- ...

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...
- Senior Administrative Officer:—P. I. HUNT, F.H.A., Brighton General Hpl.

Senior Administrative Officer:—Miss M. TAYLOR, Royal Sussex County Hpl.

Senior Administrative Officer:—P. SPOONER, F.H.A., F.C.I.S., Royal Alexandra Hpl.

Senior Administrative Officer:—R. H. KINGSMORTH, A.H.A., Hove General Hpl.

Senior Administrative Officer:—P. SPOONER, F.H.A., F.C.I.S., Sussex Maternity and Women's Hpl.

Senior Administrative Officer:—P. SPOONER, F.H.A., F.C.I.S., New Sussex Hpl.

Senior Administrative Officer:—Miss E. HARRIS, Victoria Hpl.

Senior Administrative Officer:—E. MILNES, Newhaven Downs Hpl.

21. Mid-Sussex Hospital Management Committee

Secretary : JOHN A. WARBURTON, A.H.A.,
Cuckfield Hpl.
Tel.: Cuckfield 100

Finance Officer : G. E. M. MILLS, A.H.A.,
Cuckfield Hpl.
Tel.: Cuckfield 100

Supplies Officer : S. A. H. REES, A.H.A., A.R.S.N.I.,
Cuckfield Hpl.
Tel.: Cuckfield 100

Engineer : H. A. COLE, M.I.H.E.,
Cuckfield Hpl.
Tel.: Cuckfield 100

Chairman : G. G. PELLY,
Cuckfield Hpl.

King Edward VII Memorial Eliot Hpl. (1), Haywards Heath, Sussex	Haywards Heath 49	J. M. Turner Miss J. Learoyd	44								6	50		aa, n, u, v
Uckfield Cottage Hpl. (2), Uckfield, Sussex	Uckfield 58	P. G. Ladbroke, F.H.A. Miss J. M. Hunt, S.R.N.	11								1	12		"
Mid-Sussex Isolation Hpl. (1), Hassocks, Sussex	Burgess Hill 3141	J. M. Turner W. B. Stott, D.P.H., L.R.C.P. & S. (Med. Supt.) Miss J. M. Reid, S.R.N.				22 18						22 18		

21. Mid-Sussex Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
East Sussex Western Smallpox Hpl. (3), Sedgebrook, Plumpton P.O., Chailey, Sussex	Plumpton 233			16								16		
	Plumpton 230	P. G. Ladbroke, F.H.A.		113				105				218		n, x, y, z
Pouchlands Hpl. (2), South Common, Chailey, Sussex	Cuckfield 228	H. J. King Miss R. E. Finch, S.R.N., S.C.M.	108	30 9	20 71			55 10	55* 97			160 295		n, p, x, y, z. *Part III accommodation
	Newick 111	R. M. Bompas, A.H.A., A.C.I.S. G. Murray Levick, M.R.C.S., L.R.C.P. (Med. Director) Miss M. Machel, S.R.N.	82 68									82 68		n, t
The Heritage Craft Schools & Hpls. (3), Chailey, Sussex	Burgess Hill 2341	John A. Warburton, A.H.A.												
		John A. Warburton, A.H.A.												
Orthopaedic Clinic, Windermere Mill Road, Burgess Hill, Sussex		John A. Warburton, A.H.A.												
Orthopaedic Clinic, Church Room, Victoria Road, Hailsham, Sussex														
T.B. Dispensary, Paddock Hall Road, Haywards Heath, Sussex	Haywards Heath 933	John A. Warburton, A.H.A.	137 176	30 9	133 71	22 34		160 10	55 97	7		544 397		
TOTAL BED COMPLEMENT														

SUB-GROUPING

- (1) Haywards Heath and Hurstpierpoint Hpls. Sub-Group ... Senior Administrative Officer:—J. M. TURNER, King Edward VII Memorial Hpl.
- (2) Pouchlands and Uckfield Hpls. Sub-Group ... Senior Administrative Officer:—P. G. LADBROOK, Pouchlands Hpl.
- (3) Heritage and Sedgebrook Sub-Group ... Senior Administrative Officer:—R. M. BOMPAS, A.C.I.S., A.H.A., Heritage Craft Schools.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for H.M.C.
High View House, Ridgewood, Uckfield, Sussex	Uckfield 54	East Sussex County Council	37

22. Bexley Hospital Management Committee

Secretary, Finance and Supplies Officer : H. V. WEBSTER, F.H.A.,
Bexley Hpl.

Chairman : Mrs. M. ORMEROD, B.A.,
8, Primrose Hill Road, London, N.W.3.

Engineer : F. GRAHAM,
Bexley Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Bexley Hpl., Dartford Heath, Bexley, Kent	Bexleyheath 5616/8	H. V. Webster, F.H.A. L. C. Cook, M.R.C.S., L.R.C.P., D.P.M., M.B., B.CHIR., M.D. (Med. Supt.) Miss M. Wakefield, G.N.C., R.M.P.A.						2,195 200				2,195 200		f, l, n, w, z
								2,195 200				2,195 200		
TOTAL BED COMPLEMENT														

23. Darenth and Stone Hospital Management Committee

Secretary : L. T. FELDON, F.H.A., A.C.I.S.,
15, Dartmouth Street, London, S.W.1
Tel. : Whitehall 8302

Chairman : Sir FREDERICK WELLS, BART.,
15, Dartmouth Street, London, S.W.1

Supplies Officer : W. H. PEARCEY, F.H.A.,
Stone House

Finance Officer : L. F. EATON, F.H.A., A.L.A.A.,
Darenth Park

Hospitals Engineer : C. E. CLAYTON, M.I.E.E.,
Stone House

Darenth Park Mental Deficiency Institution, Dartford, Kent	Dartford 2281	L. T. Feldon, F.H.A., A.C.I.S. J. K. C. Laing, M.B., B.S., D.P.M. (Physician Supt.) Mrs. C. Barnes, S.R.N., S.C.M., R.N.M.D., R.M.P.A. (Mental)						70	1,948 384			2,018 384		g, l, m, n, x, y, z
Stone House Hpl., Stone, Dartford, Kent	Dartford 2901	L. T. Feldon, F.H.A., A.C.I.S. S. W. Hardwick, M.D., B.SC., M.R.C.S., M.R.C.P., D.P.M. (Physi- cian Supt.) Miss E. M. McKinnon, S.R.N.						625*				625		f, l, n, v, w, z *Allocation of Pri. and P.P. beds still under consideration
TOTAL BED COMPLEMENT								695	1,948 384			2,643 384		

24. Chartham Hospital Management Committee

Secretary, Finance Officer and Supplies Officer : H. F. LEVITT, F.H.A., St. Augustine's Hpl.			Chairman : J. H. JOHNSON, Brogdella, Brogdale Road, Faversham, Kent											
Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
St. Augustine's Hpl., Chartham Down, Nr. Canterbury, Kent	Chartham 282/3	H. F. Levitt, F.H.A. C. E. Alan Shepherd (Med. Supt.) Miss I. R. Taylor							1,524 132			1,524 132		f, l, n, u, v, w, z
									25 254			25 254		f (training in abey- ance), w, z
St. Martin's Hpl., St. Martin's Hill, Canterbury, Kent	Canterbury 2006	A. G. Webb, F.H.A. F. L. Scott (Med. Supt.)							1,549 386			1,549 386		
TOTAL BED COMPLEMENT														

25. Barming Heath Hospital Management Committee

<i>Finance Officer and Supplies Officer :</i> G. E. PARTIS, F.H.A. Barming Heath Hpl.		<i>Chairman :</i> Capt. H. G. GIFFARD, R.N., 20, Grimston Gardens, Folkestone, Kent		<i>Engineer :</i> H. A. PEARSON, Barming Heath Hpl.											
Barming Heath Hpl., Maidstone, Kent	Barming 86115	G. E. Partis, F.H.A. Dr. R. Gordon McLaren, M.D., B.H.V., D.P.H., D.P.M. Miss B. J. Wall, S.R.N., R.M.N.							2,265 149						<i>f, l, n, t, u, v, w, z</i>
TOTAL BED COMPLEMENT									2,265 149					2,265 149	

26. Leybourne Grange Group Hospital Management Committee

<i>Secretary and Supplies Officer :</i> J. CATTERALL, F.H.A., Leybourne Grange Colony		<i>Chairman :</i> H. E. ANDREWS, Glencoe, Borden, Sittingbourne, Kent			
<i>Finance Officer :</i> H. ROBERTS, A.H.A., A.R.S.A.N.I., Leybourne Grange Colony		<i>Engineer :</i> S. B. HIRSCHFELD, Leybourne Grange Colony			
Leybourne Grange Colony, West Malling, Nr. Maidstone, Kent	West Malling 3385	J. Catterall, F.H.A. Dr. R. Fitzroy Jarrett, F.R.F.P.S. (Med. Supt.) Miss D. S. Gwilliam	1,069 243	1,069 243	g, n, z
Princess Christian's Farm Colony, Upper Hollenden Farm, Hildenborough, Kent	Hildenborough 2259	Miss A. M. Hampton (Lady Supt.)	159	159	z
TOTAL BED COMPLEMENT			1,228 243	1,228 243	

27. Hailsham Hospitals Management Committee

Secretary and Finance Officer : A. A. G. MITCHELL, M.B.E., A.H.A., A.C.I.S.,
Hellingly Hpl.
Chairman : The Hon. RUTH B. BUCKLEY,
Toll Wood Cottage, Netherfield, Battle, Sussex
Engineer : J. W. GREENWOOD,
Hellingly Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Hellingly Hpl., Hellingly, Hailsham, Sussex	Hellingly 318/9	A. A. G. Mitchell, M.B.E., A.H.A., A.C.I.S. B. Reid, M.D., F.R.C.P., D.P.M. (Med. Matron: (vacant) [Supt.)						1,551				1,551		f, l, v, w, z
Laughton Lodge Mental Deficiency Colony, Laughton, Nr. Lewes, Sussex	Ripe 214	A. D. J. Cobb Miss M. Hughes							180			180		z
TOTAL BED COMPLEMENT								1,551	180			1,731		

28. St. Francis and the Lady Chichester Hospitals Management Committee

Secretary, Finance Officer and Supplies Officer :
W. E. MITCHELL, F.H.A., St. Francis Hpl.
Chairman : Alderman T. E. MORRIS, J.P.,
11, Paston Place, Brighton, Sussex
Engineer : REGINALD WELBY,
St. Francis Hpl.

St. Francis Hpl., Haywards Heath, Sussex	Haywards Heath 897	W. E. Mitchell, F.H.A. W. McCartan, M.D., M.R.C.P., D.P.H. Miss N. Morris [(Med. Supt.)						952 45		10	12	974 45		f, l, n, v, w, z
Lady Chichester Hpl., Aldington House, New Church Road, Hove, 3, Sussex	Hove 5015	W. E. Mitchell, F.H.A. Miss G. Ethall								70*		70		n, u, v. *Psycho- neurosis
TOTAL BED COMPLEMENT								952 45		80	12	1,044 45		

SOUTH-WEST METROPOLITAN REGION

Area : The administrative counties of Dorset (except the part included in the South-Western Regional Hospital Area), Isle of Wight, Southampton, Surrey and Sussex (West). The county boroughs of Bournemouth, Croydon, Portsmouth and Southampton.

So much of the administrative county of Wilts. as comprises the boroughs of New Sarum and Wilton; and the rural districts of Amesbury, Mere and Tisbury and Salisbury and Wilton. So much of the administrative county of London as comprises the metropolitan boroughs of Battersea, Chelsea, Fulham, Wandsworth, the part of the metropolitan borough of Hammersmith lying south of Goldhawk Road and Stamford Brook Road, the part of the metropolitan borough of Kensington lying south of Holland Park Avenue, Notting Hill Gate and Bayswater Road, the part of the metropolitan borough of Lambeth lying west of Kennington Park Road, Brixton Road and Brixton Hill, the part of the metropolitan borough of Paddington lying south of Bayswater Road, and the part of the metropolitan borough of Westminster lying south-west of Park Lane and south of Constitution Hill, Birdcage Walk, Great George Street and Bridge Street.

Population : 4,308,800.

Regional Hospital Board

Address : 11a, Portland Place, London, W.1

Telephone : Museum 3380

Chairman of Board : F. H. Elliott, D.L., J.P. (b)

Other Members : (a) R. Chick, D. Jackman, M.B.E., J.P., P. H. Mitchiner, C.B., C.B.E., Mrs. M. Ormerod, Alderman H. Regan, J.P., W. H. Tooës, J. A. Tulk, J.P., J. M. Wyatt, F.R.C.S., F.R.C.O.G.; (b) Miss E. C. Batho, D. Curran, Mrs. H. Feiling, C. B. S. Fuller, M.C., Miss P. Loe, M.B.E., Alderman A. Lubbock, J.P., M. F. Nicholls, J. L. Williams; (c) N. F. Adeney, G. E. Coke, E. F. Crundwell, A. Hague-Winterbotham, A. G. Linfield, O.B.E., G. H. Macnab, D. S. Murray, R. Sargood, J.P., M.P., G. Thompson.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

E. G. BRAITHWAITE, M.A., LL.B., F.H.A.

Assistant Secretary :

A. A. HUNT

Treasurer :

A. F. BLAIR, C.A.

Assistant Treasurer :

F. H. S. CANNELL, A.I.M.T.A., A.C.I.S.

Architectural Adviser :

A. G. ROBERTS, A.R.I.B.A.

Engineering Adviser :

S. C. VINCENT, B.Sc., A.M.I.C.E., A.M.I.MECH.E.

Legal Adviser :

J. S. TAPSFIELD, B.A.

Assistant Secretary (Western Area) :

G. BOWDEN

Senior Admin. Medical Officer :

W. J. GILL, M.D., F.R.C.S.

Regional Psychiatrist :

G. GARMANY, M.B., M.R.C.P., D.P.M.

Deputy Senior Medical Officer :

C. P. STEVENS, M.B.E., O.ST.J., M.B., CH.B.

Assistant Senior Medical Officer :

(Tuberculosis)

P. C. ANDERSON, M.D., CH.B., M.R.C.P., F.R.C.S.

Assistant Senior Medical Officer :

(Western Area)

J. REVANS, M.B.E., O.ST.J., M.R.C.S., L.R.C.P., D.C.H.

Nursing Adviser :

MRS. I. LANG, S.R.N., S.C.M.

The Western Area Committee : Beeston House, Water Lane, Winchester

Area : Hampshire, Isle of Wight and so much of Dorset and Wilts. as falls within the Region

Chairman : G. E. COKE

Principal Non-Medical Admin. Officer : E. G. BRAITHWAITE, M.A., LL.B.

Principal Medical Officer : W. J. GILL, M.D., F.R.C.S.

Teaching Hospitals within Region : St. George's Hospital, Westminster Hospital, St. Thomas's Hospital, The Hospitals for Diseases of the Chest, The Royal Cancer Hospital, Queen Charlotte's and Chelsea Hospitals.

SOUTH WEST METROPOLITAN REGION HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Lambeth Group Hospital Management Committee

Secretary: Miss W. M. PEMBERTON, F.H.A.,
Renfrew Road, London, S.E.11
Tel.: Reliance 3821

Finance Officer: J. F. Blake, A.H.A.,
Renfrew Road, London, S.E.11

Chairman: L. J. STYLES, J.P.,
Renfrew Road, London, S.E.11

Supplies Officer: L. A. S. SHEFFIELD, A.H.A.,
Renfrew Road, London, S.E.11

Engineer: J. McLENNAN,
Renfrew Road, London, S.E.11

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Lambeth Hpl., Brook Drive, Kennington Road, London, S.E.11	Reliance 3804	C. G. Huddy, F.H.A. P. J. Watkin, M.C., M.R.C.S., L.R.C.P. (Med. Supt.) Miss E. A. Osgood, S.R.N., S.C.M.	413*	65			21			764		499 764		a, d, l, n, o, t, v. * Includes chronic cases.
South London Hpl. for Women and Children, Clapham Common, London, S.W.4	Tulse Hill 1221	Miss W. M. Pemberton, F.H.A. Miss S. C. Evennett, S.R.N., S.C.M.	129	53						50†	22 6	254 6		c, l, p, t, u, v. † Con- valescent.
Annie McCall Maternity Hpl., 37, Jeffreys Road, London, S.W.4	Macaulay 2675	E. Morgan Miss S. C. Evennett, S.R.N., S.C.M.		4 28								4 28		n
South Western Hpl., Landor Road, Stockwell, London, S.W.9	Brixton 5412	J. F. Morgan J. C. Blake, M.B., B.Sc. (Lond.), D.P.H. (Med. Supt.) Miss MacDonald, S.R.N.	10		91	22	24			290		147 290		
TOTAL BED COMPLEMENT			552	122 28	91	22	45			50 1,054	22 6	904 1,088		

2. Wandsworth Hospital Management Committee

Secretary: G. E. P. FAWCETT, M.C., B.A.,
14, Atkins Road, Balham, London, S.W.12
Tel.: Tulse Hill 5881

Finance Officer: C. J. J. WATSON, B.A., A.H.A., A.C.A.,
14, Atkins Road, Balham, London, S.W.12

Chairman: H. LINSTED, O.B.E., M.P.,
17, Carlisle Mansions, Carlisle Place, London, S.W.1

Supplies Officer: W. B. SIMPSON, F.H.A.,
Grove Hpl.

Engineer: R. L. INGLEDEW,
Grove Hpl.

St. James' Hpl., Ouseley Road, Balham, London, S.W.12	Balham 3681	N. S. Craig, M.D., CH.B., D.P.H. (Med. Supt.) Miss D. Bennett	462 288	84	64							610 288		a, d, l, n, o, t, u
Weir Hpl., Weir Road, London, S.W.12	Tulse Hill 1961	R. S. Ware Miss M. J. Charles	26								4	30		n, u

2. Wandsworth Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Wandsworth Maternity Home, Weir Road, London, S.W.12	Tulse Hill 5430	R. S. Ware Miss A. Crump		20								20		n
	Balham 2231	W. S. Brand W. H. A. Pratt, L.M.S.S.A. (Med. Supt.) Miss E. Cole		220 93								220 93		n
Grove Hpl., Tooting Grove, London, S.W.17	Balham 4271/2	W. B. Simpson J. S. Anderson, M.A., M.D., CH.B., D.P.H. (Med. Supt.) Miss R. Devonshire				138 478						138 478		j, l, n
	Battersea 4022	Mrs. E. J. Harrison Miss R. Lewis		22								22		
Jewish Home of Rest, Birchlands Avenue, Wandsworth Common, London, S.W.12		TOTAL BED COMPLEMENT	488 288	104	306 93	138 478					4	1,040 859		

3. Battersea and Putney Group Hospital Management Committee

Chairman: S. G. TURNER, O.B.E., K.C.,
Brantwood, Putney Heath Lane, London S.W.15

Supplies Officer: H. C. SELF, F.H.A.,
St. John's Hpl.

Secretary: A. J. ELLICOTT, F.H.A., Putney Hpl.		Finance Officer: R. G. FERRIS, Bolingbroke Hpl.		Chairman: S. G. TURNER, O.B.E., K.C., Brantwood, Putney Heath Lane, London, S.W.15		Supplies Officer: H. C. SELF, F.H.A., St. John's Hpl.		
Battersea 0134	Miss K. F. G. Livingston Miss E. Woods	66				19	85	c, l, n, u
Battersea 2445	H. J. Vise Miss F. L. A. Lane	113				15	128	a, l, r
Battersea 1823	H. Brooksbank A. Mitchell, M.D., D.P.H., M.R.C.S. (Med. Supt.) Miss E. Richmond		360 151	48 22	56		464 173	l, n, t, u, v, z
Putney 4440	Miss J. S. Lees Miss E. M. Smith	82				24	106	a, l, n, t, u
TOTAL BED COMPLEMENT		261	360 151	48 22	56	58	783 173	

4. Chelsea Hospital Management Committee

Secretary: H. S. B. BOOTH, F.H.A.,
St. Luke's Hpl.
Finance Officer: C. H. BURR, A.C.A., A.H.A.,
St. Luke's Hpl.

Chairman: J. H. GODFREY C.B.,
St. Luke's Hpl.

Supplies Officer: W. A. CLEVERLEY, F.H.A.,
St. Luke's Hpl.
Engineer: W. G. NAY,
St. Stephen's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Cheyne Hpl., Cheyne Walk, London, S.W.3	Flaxman 3589	R. W. Elliston, F.H.A.												At present used as day nursery
St. Stephen's Hpl., 369, Fulham Road, London, S.W.10	Flaxman 6681	W. M. Butcher, A.H.A. R. K. Ford, M.D., M.M.S.A. (Med. Supt.) Miss L. K. Plaw, S.R.N., S.C.M., T.A.	334 28	44			56			39		473 28		a, l, n, o, t, u, v
St. Luke's Hpl., Sydney Street, London, S.W.3	Flaxman 7311	S. M. Charlton R. K. Ford, M.D., M.M.S.A. (Med. Supt.) Miss M. A. Griffiths, S.R.N., S.C.M.			238							238		l, n, t
St. George's Home, Milnan Street, London, S.W.10	Flaxman 6366	E. T. Glading W. G. Snell, M.D., F.R.C.P., D.P.H. (Med. Supt.) Miss S. E. Worden, S.R.N.					37 12					37 12		n
		TOTAL BED COMPLEMENT	334 28	44	238		93 12			39		748 40		

5. Fulham and Kensington Hospital Management Committee

Secretary: W. J. CRABB,
St. Mary Abbot's Hpl.,
Finance Officer: C. J. HOLLIDAY,
St. Mary Abbot's Hpl.

Chairman: Major-General R. C. REYNOLDS, C.B., O.B.E., M.C.,
St. Mary Abbot's Hpl.

Supplies Officer: G. W. THOMAS,
St. Mary Abbot's Hpl.
Engineer: A. E. SMITH,
St. Mary Abbot's Hpl.

Fulham Hpl., St. Dunstan's Road, Hammersmith, London, W.6	Riverside 5407	S. H. Flinn J. G. Leebody, M.B., F.R.C.S. (Med. Supt.) Miss B. Ryan	300 105		99			19		5		423 105	
Fulham Babies' Home, 23, Broomhouse Road, London, S.W.6													

At present used as day
nursery
a, l, n, o, t, u, v
l, n, i
n
a, l, n, t, u, v, z
Used as day nursery
by local authority

5. Fulham and Kensington Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Fulham Maternity Hpl., 5-7, Parson's Green, London, S.W.6	Renown 3467	S. H. Flinn J. G. Leebody, M.B., CH.B., F.R.C.S. (Med. Supt.) Miss E. L. Livermore		30								30		l, p, u
Western Hpl., Seagrave Road, Fulham, London, S.W.6	Fulham 2105	G. A. Ward, F.H.A. W. H. Kelleher, M.D., D.P.H. (Med. Supt.) Miss E. Clarke				94 324	58					152 324		j, l
St. Mary Abbot's Hpl., Marloes Road, Kensington, London, W.8	Western 8201	J. Zardin J. McN. Milloy M.A., F.R.C.S. (Med. Supt.) Miss M. Ingman	237	40*	13							250 40		a, l, u, t, v. *To be opened shortly.
Metropolitan Ear, Nose and Throat Hpl., 4-5, Collingham Gardens, London, S.W.5. (<i>In patients</i>) 14-16, Granville Place, London, W.1. (<i>Out patients</i>)	Flaxman 7721 Mayfair 5828/9	J. Zardin Miss M. Lawler	46 5									46 5		t, u, v
Fulham Chest Clinic, 114, New Kings Road, Fulham, London, S.W.6	Renown 1390	H. C. Price, M.R.C.S., L.R.C.P., D.P.H. (Officer-in-charge)												t
Kensington Institute for Rheumatic Diseases, 15, Holland Park Gardens, London, W.14	Park 5033	J. Zardin	583 110	30 40	112	94 324	58	19		5		901 474		t, u
TOTAL BED COMPLEMENT														

6. Croydon Group Hospital Management Committee

Secretary: G. A. PAINES, F.C.I.S.,
Croydon General Hpl.
Finance Officer: J. F. W. WOOD, A.C.A.,
Queen's Hpl.

Chairman: D. A. LAWRENCE, J.P.,
100, Addiscombe Road, Croydon, Surrey

Supplies Officer: R. GRIST, F.H.A.,
Croydon General Hpl.
Engineer: E. ROBINSON,
Queen's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Mayday Hpl., Mayday Road, Thornton Heath Surrey	Thornton Heath 2286	F. L. George, M.C., A.H.A. C. F. Swinton, M.D., CH.M., F.R.C.S. (Ed.) (Med. Supt.) Miss E. Austen, D.N. (Lond.), S.R.N., S.C.M.	292 104	88 4	78		72	16				546 108		a, l, n, o, t, v, z
Croydon General Hpl., London Road, West Croydon, Surrey	Croydon 3427	S. R. Green Miss J. M. Gunning, S.R.N., S.C.M.	157		20							177		a, l, n, u, v
Purley and District War Memorial Hpl., Brighton Road, Purley, Surrey	Uplands 0177	D. J. Hooton, A.H.A. Miss S. O. Parry, S.R.N.	35	6	5					6		52		n, u
Norwood and District Hpl., Hermitage Road, London, S.E.19	Livingstone 2273	J. C. Bickmore Miss P. G. Rogers, S.R.N.	29		4					1		34		n, u
St. Mary's Maternity Hpl., St. James' Road, West Croydon, Surrey	Thornton Heath 2286	J. F. Macpherson, A.I.A.C. Miss M. I. Farrer, D.N. (Lond.), S.R.N., S.C.M.		32								32		p
Croydon Isolation Hpl., Purley Way, Croydon, Surrey	Thornton Heath 2286	J. F. Macpherson, A.I.A.C. J. J. Linchan, M.D., D.P.H., D.C.H. (Med. Supt.) Miss L. Grother				220						220		j
Coombe Cliff Convalescent Home for Children, Coombe Road, Croydon, Surrey	Croydon 5878	J. F. Macpherson, A.I.A.C. Miss C. Low, S.R.N.								34*		34		n, t. *Convalescent.
Queen's Hpl., Queen's Road, Croydon, Surrey	Thornton Heath 2000	G. Searle C. A. McGuire, M.B., CH.B. (Med. Officer) Miss M. A. Annand, S.R.N., S.C.M.			427 78							427 78		
TOTAL BED COMPLEMENT			513 104	126 4	534 78	220	72	16		34	7	1,522 186		

7. Epsom Group Hospital Management Committee

Secretary: S/Ld. T. RIMMER, D.F.C., A.H.A.,
Epsom District Hpl.

Finance Officer: D. H. SANDERS,
Epsom District Hpl.

Chairman: H. W. BUCKLEY, J.P.,
56, Park Hill Road, Wallington, Surrey

Supplies Officer: E. G. DOWLING,
Epsom District Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Epsom District Hpl. (1), Dorking Road, Epsom, Surrey	Epsom 1011	S/Ld. T. Rimmer, D.F.C., A.H.A. Dr. G. F. Stones (Med. Supt.) Miss M. Ryan	121 49	61	72 8							254 57		a, l, n, p, t, u
	Leatherhead 1467	Miss K. Bonny Miss B. Lines	41		4							45	12	n, t, u
Epsom and Ewell Hpl. (1), Alexandra Road, Epsom, Surrey	Epsom 591	G. A. Fage, M.B.E. (Hon.) Miss E. V. Killick	36		4							40	5	n, t, u
	Cobham 38	Miss K. Bonny Miss M. H. McFeeley	14		2							16	4	n, t, u
Hawkhill Hostel (1), Portsmouth Road, Esher, Surrey	Esher 4735	S/Ld. T. Rimmer, D.F.C., A.H.A. Dr. G. F. Stones (Med. Supt.) Miss M. Ryan		25								25		l, n, t
	Downland 1412	S/Ld. T. Rimmer, D.F.C., A.H.A. Miss A. L. Cooper			46 6							46 6		n, t
Ewell Park Annexe (1), London Road, Ewell, Surrey	Ewell 3622	S/Ld. T. Rimmer, D.F.C., A.H.A. Dr. G. F. Stones (Med. Supt.) Miss M. Ryan			60 10							60 10		n, t
	Vigilant 0047	L. J. Humphreys, A.H.A. Dr. G. H. Hall (Med. Supt.) Miss M. F. Edmond				50 76		27				50 76		j, l, n, t
Cuddington Isolation Hpl. (2), Banstead, Surrey	Cobham 64	S/Ld. T. Rimmer, D.F.C., A.H.A. Dr. G. F. Stones (Med. Supt.) Miss M. Ryan										27		n, u. *Convalescent.
	Cobham 175	Miss K. Bonny Miss M. C. Routh	18									37* 25*		
Schiff Home of Recovery, Knowle Park (2), Cobham, Surrey		TOTAL BED COMPLEMENT	230 49	86	188 24	50 76	27				37 25	618 174		
SUB-GROUPING														
(1) Forming part of Sub-Group ...			...	...	...	...	...	...	...	...	...	...	...	...
(2) Forming part of Sub-Group ...			...	...	...	...	...	...	...	...	...	...	...	...
(3) Forming part of Sub-Group ...			...	...	...	...	...	...	...	...	...	...	...	...
Senior Administrative Officer :—S/Ld. T. Rimmer, D.F.C., A.H.A., Epsom District Hpl. Senior Administrative Officer :—Miss K. Bonny, Leatherhead Hpl. Senior Administrative Officer :—L. J. Humphreys, Cuddington Isolation Hpl.														

SUB-GROUPING

SUB-GROUPING

	T Rimmer	D.F.C.	A.H.A., Epsom District Hpl.
	S/I A T	Rimmer	D.F.C.
	Communications Officer		
	Group 4 Administration		

1) Forming part of Sub-Group ...	... ..	<i>Senior Administrative Officer.</i> —J. Ed. I. Rumbey, Esq., I.
" " "	" " "
" " "	... ..	<i>Senior Administrative Officer.</i> —Miss K. Bonny, Leatherhead Hpl.
" " "	... ..	<i>Senior Administrative Officer.</i> —Miss K. Bonny, Leatherhead Hpl.

[illegible]

8. Farnham Group Hospital Management Committee

Secretary: F. L. W. EADE, B.A., A.H.A.,
Farnham Hpl.

Chairman: General Sir ROBERT HAINING, K.C.B., D.S.O.,
Chart House, Ash Vale, Nr. Aldershot, Hants.

Finance Officer: W. A. WRIGHT,
Farnham Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Farnham Hpl. Hale Road, Farnham, Surrey	Farnham 6821/5	F. L. W. Eade, B.A., A.H.A., Miss L. J. Graves, S.R.N., S.C.M.	112	8	60								180		a, l, u
Aldershot Hpl. (1), St. George's Road, Aldershot, Hants.	Aldershot 192	Miss M. Rose Miss E. Baskerville, S.R.N., S.C.M.	39								3		42		u v
Frimley and Camberley Hpl., Frimley, Surrey	Camberley 876	Mrs. M. I. Adamson Miss G. Heany, S.R.N., S.C.M.	27	7							6		40		
Fleet and District Hpl., Church Road, Fleet, Hants.	Fleet 1017	Miss M. H. Robarts Miss A. A. Syme, S.R.N., S.C.M.	29								4		33		u
Trimmers Hpl., Waverley Lane, Farnham, Surrey	Farnham 5232	Miss V. M. Coë Miss M. C. Cox, S.R.N., S.C.M.	25								6		31		
Farnborough and Cove War Memorial Cottage Hpl., Albert Road, Farnborough, Hants.	Farnborough 127	Mrs. M. I. Adamson Miss E. Castle, S.R.N., S.C.M.	16	9							7		32		u
Yateley and District Hpl., Camberley, Surrey	Yateley 2116	Miss M. H. Robarts Miss H. M. Humphrey, S.R.N., S.C.M.	14										15		u
Aldershot Borough Maternity Home (1), St. George's Road, Aldershot, Hants.	Aldershot 192	Miss M. Rose Miss E. Baskerville, S.R.N., S.C.M.		10							4		14		
Aldershot Isolation Hpl. (1), North Town, Aldershot, Hants.	Aldershot 271	Miss M. Rose Miss O. I. High, S.R.N., S.C.M., R.F.N.				60							60		
Farnham Isolation Hpl., Weydon Lane, Farnham, Surrey	Farnham 6015	F. L. W. Eade, B.A., A.H.A. Miss F. McDonald, S.R.N., S.C.M., R.F.N.				50							50		
Church Army Sanatorium, Heath End, Farnham, Surrey	Aldershot 195	Captain G. P. Barnes					45						45		

8. Farnham Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Orthopaedic Clinic, London Road, Camberley, Surrey	Camberley 541	Mrs. M. I. Adamson													u
TOTAL BED COMPLEMENT			262	34	60	110	45				31	542			
SUB-GROUPING															
(1) Aldershot Hpls. Sub-Group			...	...	...	...	...	...	Senior Administrative Officer:—Miss M. Rose, Aldershot Hpl.					

9. Guildford Group Hospital Management Committee

Secretary: C. F. KEARNS, A.H.A.,
St. Luke's Hpl. Tel.: Guildford 3351
Finance Officer: C. G. LEIGH-HUNT, B.A., A.C.A.,
St. Luke's Hpl. Tel.: Guildford 3351

Chairman: THOROLD HARPER,
Moor Hill, Hindhead, Surrey
Supplies Officer: J. G. N. FIRT,
St. Luke's Hpl. Tel.: Guildford 3351
Engineer: J. W. PARSONS,
St. Luke's Hpl. Tel.: Guildford 3351

St. Luke's Hpl., Warren Road, Guildford, Surrey	Guildford 62851	Admin. Officer: (vacant) R. B. McMillan, B.Sc., M.D., M.R.C.P.(E), (Med. Supt.) Miss B. Coyle, S.R.N.	206- 13	50	77					54*	387 13	a, d, l, n, o, t, u, v, z *Radiotherapy
Royal Surrey County Hpl., Farnham Road, Guildford, Surrey	Guildford 2323	R. S. Regan Miss D. I. Henderson, Diploma in Nursing (Lond. Univ.)	231								231	a, l, n, t, u, v
Cranleigh Village Hpl., Cranleigh, Surrey	Cranleigh 33	Mrs. C. L. Walker, s.r.n. (Matron)	14								14	n, u
Haslemere and District Hpl., Haslemere, Surrey	Haslemere 894	C. O. Trew Miss E. H. A. Luker, A.R.R.C.	68	14							82	c, n, u
Jarvis Maternity Hpl., Stoughton Road, Guildford, Surrey	Guildford 5256	Miss M. A. Hall, s.r.n., s.c.m., Q.N. (Matron)		12							12	u
Clandon Smallpox Hpl., Nr. Guildford, Surrey	Ripley 3116					36					36	
Tangley Place Convalescent Home, Worplesdon, Nr. Guildford, Surrey		Miss M. A. K. Barratt, s.r.n., s.c.m. (Sister-in-charge)								36†	36	n. †Convalescent
TOTAL BED COMPLEMENT			519	76	77	36				90	798	

10. Kingston Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
“ Keeldar ” Chest Clinic, 25/27, Queen's Road, Kingston, Surrey	Kingston 4658	S. R. Wilson (Chest Physician)													u
			438	81	233	32		6		43	40	873			
TOTAL BED COMPLEMENT			27			129							156		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Managemnt Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Richmond Institution, 2, Grove Road, Richmond, Surrey		Surrey County Council	90
Mortlake Chest Clinic, North Worple Way, London, S.W.14		Surrey County Council	

11. Redhill Group Hospital Management Committee

Secretary: W. C. F. HOPWOOD, A.C.I.S.,
Redhill County Hpl.

Finance Officer: L. M. THRIFT,
Redhill County Hpl.

Chairman: W. D. LANCASTER,
Littleshaw, Woldingham, Surrey

Supplies Officer: C. G. MOISE, B.SC., F.H.A.,
Redhill County Hpl

Engineer: W. C. WORSFOLD, A.M.INST.B.E.,
Redhill County Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Redhill County Hpl., Earlswood Common, Redhill, Surrey	Redhill 3245	A. L. Drage, A.H.A. Norman E. Pitt, F.R.C.S. (Med. Miss N. Nicholls [Supt.)	289	52			26					367		a, d, l, n, o, t, u, v, z
			72				26	6				104		
Dorking County Hpl., Horsham Road, Dorking, Surrey	Dorking 3883	H. E. G. Camp, F.H.A. Miss E. M. Bradbury	61	25	39		33					158		n, u
			63									63		
East Surrey Hpl., Shrewsbury Road, Redhill, Surrey	Redhill 116/7	A. R. Anderson Miss P. L. Huxtable	111	9							19	139		a, l, n, u

11. Redhill Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Casterbridge Nursing Home, Doods Road, Reigate, Surrey (Private ward of East Surrey Hpl.)	Reigate 2075													
Thornton House Nursing Home, Warwick Road, Redhill, Surrey (Private ward of East Surrey Hpl.)	Redhill 46													
Dorking and District Hpl., South Terrace, Dorking, Surrey	Dorking 2283	Miss D. K. Mould Miss E. Robertson	33 11								3	36 11		
Oxted and Limpsfield Cottage Hpl., Eastlands Way, Oxted, Surrey	Oxted 256	F. W. Walpole Miss L. Jones	32								8	32 8		aa, l, n, u
Caterham and District Hpl., Croydon Road, Caterham Valley, Surrey	Caterham 52	P. J. Pritchard Miss M. G. Morgan	30 14								9	39 14		n, u
Horley and District Cottage Hpl., Brighton Road, Horley, Surrey Admin. Officer: 10, Princess Road, Crawley, Sussex	Horley 60	L. F. Hill, F.S.C. Miss M. B. Roff	13								3	16		
Smallfield Hpl., Horley, Surrey (Section of Redhill County Hpl.)	Smallfield 201	Norman E. Pitt, F.R.C.S. (Med. Supt.)									360*	360		*Under consideration
Horsham Hpl., Hurst Road, Horsham, Sussex	Horsham 1891	Miss M. B. Andrews Miss J. H. Horsman	49	10							16	75		c, l, p, u, v
Crawley and District Hpl., Ifield Road, Crawley, Sussex	Crawley 615	L. F. Hill, F.S.C. Miss P. G. Hagger	24								4	28		u
Dorking Infectious Diseases Hpl., Logmore Lane, Westcott, Dorking, Surrey	Westcott 19	H. E. G. Camp, F.H.A. Miss S. Bullen												
Reigate Infectious Diseases Hpl., (Whitebushes), Earlswood, Redhill, Surrey	Redhill. 115	A. L. Drage, A.H.A. Norman E. Pitt, F.R.C.S. (Med. Supt.) Miss E. R. Ottewell				42 8*						42 8		Future use not deter- mined

11. Redhill Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Godstone Infectious Diseases Hpl., Bletchingley, Godstone, Surrey	Bletchingley 215	F. W. Walpole Miss E. M. Newman												
						future use	not yet	determin	ed					
TOTAL BED COMPLEMENT			642	96	39	42	59				54	932		
			160			8	26	6		360	8	568		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
St. Anne's, Redhill, Surrey	Redhill 3216	Surrey County Council	70

12. St. Helier Group Hospital Management Committee

Chief Administrative Officer: John R. GRIFFITH, F.H.A.,
St. Helier Hpl.

Finance Officer: H. J. ROBINS, A.I.M.T.A., A.S.A.A.,
St. Helier Hpl.

Chairman: W. B. PURCHASE, M.C., Barrister-at-Law
St. Helier Hpl.

Supplies Officer: W. E. L. JONES,
St. Helier Hpl.

Engineer: L. SELLECK, ASSOC.I.H.V.E., M.I.E.C.,
St. Helier Hpl.

Hospital	Telephone	Senior Officers	Bed Complement (N.B. as in March, 1949)											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
St. Helier County Hpl., Wrythe Lane, Carshalton, Surrey	Belwood 6161	E. B. Brooke, M.B., M.R.C.P., D.P.H. (Med. Supt.) Miss B. Wood	288	63	40	20	30					441		a, d, l, n, o, r, t, u, v, z
			300	35	20		26	10				391		
Nelson Hpl., Kingston Road, Merton, London, S.W.20	Liberty 4274	R. J. Hearne, A.H.A., F.C.C.S. Miss M. D. Belton, M.B.E.	71	34							22	127		a, l, n, r, t, u, v
Sutton and Cheam Hpl., Cotswood Road, Sutton, Surrey	Vigilant 0084	W. H. Norman, M.B.E., F.H.A. Miss E. Waller	95	21							14	130		a, l, n, u, v
Wimbledon Hpl., Thurstan Road, Cospe Hill, London, S.W.20	Wimbeldon 1103	A. C. Abbott Miss V. Brown	74								12	86		a, l, n, u, v

12. St. Helier Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										P.P.	Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		
Wilson Hpl., Cranmer Road, Mitcham, Surrey	Mitcham 3021	Miss G. Tomlinson Miss A. Smith	56 10			2					4	62 10		a, l, n, u
Carshalton, Beddington and Wallington War Memorial Hpl., The Park, Carshalton, Surrey	Wallington 1317	F. J. Deakin Miss L. Gregory	41	2							19	62		n, u
Woodlands Maternity Home, Devonshire Road, London, S.W.19	Liberty 1298	Miss K. B. Sanderson (Matron)	.	15		1						16		p
Wimbeldon Infectious Diseases Hpl., Gap Road, London, S.W.19	Wimbeldon 1324	Dr. H. Ellis (Med. Supt.) Miss G. Palmer				33 56						33 56		j (training in abeyance), l, n
Wandle Valley Infectious Diseases Hpl., Mitcham Junction, Mitcham, Surrey	Mitcham 0824	E. W. Gunner Dr. E. C. Loudon (Med. Supt.) Miss E. Pyle				80 70						80 70		j, l, n
Cumberland House, Whitford Gardens, Mitcham, Surrey	Mitcham 1144	W. A. Lyth, F.H.A. Miss M. Hill					95 4					95 4		n, t
Cheam Sanatorium, 132, London Road, North Cheam, Surrey	Derwent 4488	E. G. Cracknell, B.F.M. Dr. H. Hannesson (Med. Supt.) Miss M. Wilding				80 1						80 1		
		TOTAL BED COMPLEMENT	625 309	135 35	40 20	136 126	205 31	10			71	1,212 531		

13. Woking and Chertsey Hospital Management Committee

Secretary and Supplies Officer: C. CRAWLEY,
St. Peter's Hpl.

Finance Officer: K. S. OSBORNE,
Ottershaw Isolation Hpl.
Tel.: Ottershaw 47

Chairman: J. G. LOWLES, C.C.,
St. Peter's Hpl.

Engineer: F. WELLSFORD,
Ottershaw Isolation Hpl.
Tel.: Ottershaw 47

St. Peter's Hpl., Chertsey, Surrey	Chertsey 2361	Maj. Gen. J. A. Manifold, C.B., D.S.O., M.D., D.P.H. (Med. Supt.) Miss J. MacIntyre	313							90*		403		a, d, l, n, t, u. *Orthopaedic.
Woking Victoria Hpl., Chobham Road, Woking, Surrey	Woking 1526	Miss F. M. Humfress (Matron)	59		3							62		c, l, t, u

13. Woking and Chertsey Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Weybridge Hpl., Church Street, Weybridge, Surrey	Weybridge 209	Miss I. M. Haythornwaite (Matron)	36								7	43		<i>l, t u</i>
Kettlewell Hill House, Kettlewell Hill, Woking, Surrey (<i>Annexe to Woking Hpl.</i>)	Woking 2514										12	12		
Riverside Home, Woking, Surrey. (<i>Annexe to Woking Victoria Hpl.</i>)	Woking 1526													
Walton, Hersham and Oatlands Hpl., Sidney Road, Walton-on-Thames, Surrey	Walton 60	Miss F. Carter (Matron)	26		6						3	35		<i>l, m, n, t, u, v</i>
Egham Cottage Hpl., 98, St. Jude's Road, Englefield Green, Surrey	Egham 132	Miss H. J. Miller (Matron)	13		5							18		
Windlesham and Valley End Hpl., Windlesham, Surrey	Bagshot 92	Miss J. E. James (Matron)	12		5							17		
Wynberg Maternity Home, Oriental Road, Woking, Surrey	Woking 106	Miss F. Palmer (Matron)		28								28		
Highfield Maternity Home, Highfield Road, West Byfleet, Surrey	Byfleet 2080	Miss J. Myers (Matron)		20								20		
Walton, Hersham, Oatlands and Wey- bridge Maternity Home, Rodney House, Rodney Road, Walton-on-Thames, Surrey	Walton 927	Miss J. U. Mathers (Matron)		16								16		
Bagshot Maternity Home; Bagshot, Surrey	Bagshot 46	Miss M. Gould (Sister-in-charge)		7								7		
Ottershaw Infectious Diseases Hpl., Ottershaw, Chertsey, Surrey	Ottershaw 30	D. P. McIver, M.D., D.P.H. (Med. Officer) Miss A. Whyte				66						66		<i>Temporarily used as home for male nurses at St. Peter's Hpl.</i>
Englefield Green Infectious Diseases Hpl., Englefield Green, Surrey														
Metropolitan Convalescent Home, Walton-on-Thames, Surrey	Weybridge 273	Miss J. H. Jarman (Matron)										104†		†Convalescent

13. Woking and Chertsey Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Comeragh Court, Golf Club Road, Hook Heath, Woking, Surrey	Woking 2531	N. V. Birrell, M.B., CH.B., M.R.C.P., D.P.H. (Med. Supt.) Miss J. MacIntyre					24					24		¶ Included under Woking Victoria Hpl.
Woking Physiotherapy Department, ¶ Boundary Road, Woking, Surrey	Woking 1511													
Locke King Clinic, Devonshire Road, Weybridge, Surrey	Weybridge 523	Miss P. M. Boyd (Supt.)												
Woking Maternity Home, Heathside Road, Woking, Surrey	Woking 2741	Dr. L. G. Higgins (Senior Med. Officer) Miss G. Evans	40							10		50		‡
		TOTAL BED COMPLEMENT	459	111	19	66	24			194	32	905		

¶ Included under
Woking Victoria Hpl.

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14. Godalming, Milford and Liphook Group Hospital Management Committee

Secretary: J. H. TAYLOR,
King George V Sanatorium
Tel.: Godalming 1235

Finance Officer: F. H. S. SMITH,
King George V Sanatorium
Tel.: Godalming 1235

Chairman: Lady BENN of OXTED,
Morven, Oxted, Surrey

Engineer: F. A. WELLSFORD,
King George V Sanatorium
Tel.: Godalming 1235

Surrey County Sanatorium, Milford, Nr. Godalming, Surrey	Godalming 870	W. J. Burrell Dr. R. J. Allison (Med. Supt.) Miss E. Seymour					262 86					262 86		c, e, l, m, t
King George V Sanatorium, Hydestile, Nr. Godalming, Surrey	Godalming 1284	G. W. Appleton Dr. J. V. Hurford (Med. Supt.) Miss M. Sheehan					208 24					208 24		c, m, t
King George's Sanatorium for Sailors, Bramshott Place, Liphook, Hants	Liphook 3153	C. F. Loveless Dr. J. E. Wood (Med. Supt.) Miss M. Forgan					80					80		c, t
T.B. Dispensary, Tower House, Epsom Road, Guildford, Surrey	Guildford 61421	Alex. Cooper, M.A., M.B., CH.B. (Med. Supt.)												t, u
		TOTAL BED COMPLEMENT					550 110					550 110		

15. Carshalton Hospital Management Committee

Secretary: A. F. B. LLOYD,
Queen Mary's Hpl.
Finance Officer: R. C. SHARPHOUSE,
Queen Mary's Hpl.

Chairman: J. L. BORT, c.c.,
22, The Byway, Sutton, Surrey

Supplies Officer: H. A. A. HIGGETT, F.H.A.,
Queen Mary's Hpl.
Engineer: G. GOUGE,
Queen Mary's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												Notes		
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.				
Queen Mary's Hpl. for Children, Carshalton, Surrey	Wallington 2321½, 6574	A. F. B. Lloyd Dr. C. D. S. Agassiz (Med. Supt.) . Miss B. E. Dowell	764													h. l, n. t, u	
			520														
		TOTAL BED COMPLEMENT	764												764		
			520												520		

17. Chichester Group Hospital Management Committee

Secretary: K. H. WILLIAMS, F.H.A.,
Royal West Sussex Hpl. Tel.: Chichester 2269
Finance Officer: P. A. TYE, A.I.M.T.A.,
Royal West Sussex Hpl. Tel.: Chichester 2269

Chairman: R. I. HENTY,
Fairy Hill, Chichester, Sussex
Supplies Officer: C. S. POLSON, A.H.A.,
St. Richard's Hpl.

Bognor Regis War Memorial Hspl., Bersted Street, Bognor, Sussex	Bognor Regis 418	E. W. Walker Matron: (vacant)									27	5	32	n, u
Midhurst, Easebourne and District Cottage Hpl., Midhurst, Sussex	Midhurst 105	Miss E. M. Rollinson-Whittaker (Matron)									18	4	22	n, u
Petworth Cottage Hpl., Petworth, Sussex	Petworth 2106	Miss E. Hoare (Matron)									12	1	13	n
Royal West Sussex Hpl., Broyle Road, Chichester, Sussex	Chichester 2685	K. H. Williams, F.H.A. Miss E. S. Parkinson	187	2							13		202	a, d, l, n, r, t, u, v
Aldingbourne House Sanatorium, Nr. Chichester, Sussex	Eastergate 29	J. E. Wallace, M.D., CH.B., M.R.C.S. (Med. Supt.) Miss G. F. Treherne									69		69	n, t, u
Bognor T.B. Annexe, Hawthorn Road, Bognor Regis, Sussex	Bognor Regis 151	H. M. Ayres, M.R.C.S., L.R.C.P., D.P.H. (Med. Supt.)									33*		33	n, t, u * Closed pending conversion into sanatorium annexe.

17. Chichester Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Chichester City Infectious Diseases Hpl., Spitalfields Lane, Chichester, Sussex	Chichester 2126	H. M. Ayres, M.R.C.S., L.R.C.P., D.P.H. (Med. Supt.)				44						44		n
St. Richard's Hpl., Spitalfields Lane, Chichester, Sussex	Chichester 2671	C. S. Polson, A.H.A. D. G. Martin, M.B., B.S., F.R.C.S. (Ed.) (Med. Supt.) Miss V. R. M. Chapman	187	11	202							400		a, d, l, n, t u
TOTAL BED COMPLEMENT			374	13	202	44	69 33			57	23	782 33		

18. Worthing Hospital Management Committee

Secretary: A. V. OAKTON, F.H.A., 129, Brighton Road, Worthing, Sussex Tel.: Worthing 7383			Chairman: Sir CHARLES LITTLE, G.C.B., G.B.E., 129, Brighton Road, Worthing, Sussex											
Finance Officer: G. A. McKAY, A.H.A., 123, Brighton Road, Worthing, Sussex			Supplies Officer: L. J. C. ALDRIDGE, F.H.A., 129, Brighton Road, Worthing, Sussex											
Arundel and District Hpl. (1), Chichester Road, Arundel, Sussex	Arundel 3243	M. Jenner Miss L. Bazire	16									16	4	"
Littlehampton and District Hpl. (1), Fitzalan Road, Littlehampton, Sussex	Littlehampton 47	M. Jenner Miss E. Ansell (Sister-in-charge)	11 9									11 9	3	"
Southlands Hpl., Shoreham-by-Sea, Sussex	Shoreham 2381	L. J. C. Aldridge, F.H.A. Dr. E. K. McLean (Med. Supt.) Miss E. Smith	235 72	55	88							378 72		a, d, l, o, t, u
Worthing Hpl., Lyndhurst Road, Worthing, Sussex	Worthing 5062	F. W. Fishleigh, LL.B., D.P.A., A.H.A. Miss S. B. Bates	169	14	20							203		a, l, u, v
South Coast Convalescent Home for Boys, Sun Hill Court, High Salvington, Worthing, Sussex	Swandean 293	C. E. Grant								35* 15*		35 15		*Convalescent.
Shepherd's Convalescent Home Worthing, Sussex														Closed; to be used as H.M.C. offices

18. Worthing Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Millfield Hpl., Rustington, Littlehampton, Sussex															Being re-opened as a convalescent home
Children's Heart Home, Sompfing Road, Lancing, Sussex	Lancing 3126	Miss B. Tilston Matron: (vacant)	62		7							69			
Zachary Merton Maternity Home (1), Glenville Road, Rustington, Littlehampton, Sussex	Rustington 264	M. Jenner Miss A. White		34 8								34 8			
Swandean Infectious Diseases Hpl., Arundel Road, Durrington, Worthing, Sussex	Swandean 4	Miss I. Moscherella (Matron)				72	12					72 12			
TOTAL BED COMPLEMENT			493 81	103 8	115	72	12				35 15	818 116	7		

SUB-GROUPING

(1) Littlehampton, Arundel and Zachary Merton Sub-Group ... Senior Administrative Officer :—M. Jenner, Zachary Merton Maternity Home.

19. Portsmouth Group Hospital Management Committee

Secretary: G. A. HUGHES, F.H.A.,
18, Landport Terrace, Southsea, Hants
Tel.: Portsmouth 74158

Finance Officer: E. C. DYAS,
18, Landport Terrace, Southsea, Hants

Chairman: A. W. N. ADDISON,
12, Hampshire Terrace, Portsmouth, Hants

Supplies Officer: T. B. V. NICHOLS, F.H.A.,
St. Mary's Hpl.

Engineer: (n.y.a.)

Royal Portsmouth Hpl., Commercial Road, Portsmouth, Hants.	Portsmouth 2105	G. A. Hughes, F.H.A. Miss L. de la Court	305									305		a, d, l, n, t, u
St. Mary's Hpl., Milton Road, Portsmouth, Hants.	Portsmouth 2476	L. C. Rogers Dr. R. A. Zeitlin (Med. Supt.) Miss M. W. Sutcliffe	425 29	83	210			231	90			1,039 29		a, d, l, n, o, r, t, u, v, x, y, z
Portsmouth Eye and Ear Hpl., Grove Road North, Southsea, Hants.	Southsea 2429	H. V. Snook Miss E. A. James	50 12									50 12		
Milton Infectious Diseases Hpl., Milton Road, Portsmouth, Hants.	Portsmouth 2046	L. C. Rogers Dr. I. M. MacLachlan (Med. Supt.) Miss M. Brown				147 74	87					234 74		j, l, m, n

19. Portsmouth Group Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Waltham House, Droxford, Hants.	Droxford 45	Hampshire County Council	32

20. Southampton Group Hospital Management Committee

Secretary: F. JENNINGS, F.H.A., F.C.C.S.,
Bullar Street, Southampton
Tel.: Southampton 4968/9

Finance Officer: A. G. MAW, A.S.A.A.,
Bullar Street, Southampton

Chairman: The Hon. Mrs. ERIC ALDRIDGE, M.B.E., J.P.,
Minstead Lodge, Nr. Lyndhurst, Hants.

Engineer: JAMES FORSYTH, M.I.H.E.,
Bullar Street, Southampton

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Royal South Hants. and Southampton Hpl. (1), Fanshaw Street, Southampton	Southampton 76211	Frank Jennings, F.H.A., F.C.C.S. Miss D. Morris	280								10	290		a, d, l, n, t, u, v s (women students only)
Broadlands Annexe (1), Broadland Park, Romsey, Hants.	Romsey 2371	Frank Jennings, F.H.A., F.C.C.S. Miss D. Morris	73									73		
Southampton Borough General Hpl. (2), Trenona Road, Shirley Warren, Southampton	Southampton 71091	H. L. Westbrook, F.H.A. M. K. Jardine, M.B., CH.B. (Med. Mrs. D. M. Bond [Supt.])	153	84	121 50	18	12			57		388 107		a, d, l, n, o
Free Eye Hpl. (3), 2, Wilton Avenue, Southampton	Southampton 2208	Frank Jennings, F.H.A., F.C.C.S. Miss D. Morris	27								3	30		n
Southampton Children's Hpl. (3), 154, Winchester Road, Shirley, Southampton	Southampton 71012	Miss E. K. Matthews Miss D. M. Golay	53			6				4		63		h, n, t, u, v
Lymington and District (King Edward VII Memorial) Hpl. (4), Southampton Road, Lymington, Hants.	Lymington 341	N. P. Wood, A.H.A. Miss E. Burgess	99								8	107		c, n, u
Hythe and District Cottage Hpl. (4), Hythe, Nr. Southampton	Hythe 3160	N. P. Wood, A.H.A. Miss E. M. H. Marshall	23	6							5	34		n

20. Southampton Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
T.B. Dispensary, King's Park Road, Southampton, Hants.	Southampton 3788	Frank Jennings, F.H.A., F.C.C.S. W. D. Beck, M.D., M.B., CH.B., M.R.C.S., L.R.C.P. (Med. Supt.)												t
T.B. Dispensary, Sydney House, Itchen, Southampton, Hants.		Frank Jennings, F.H.A., F.C.C.S. W. D. Beck, M.D., M.B., CH.B. M.R.C.S., L.R.C.P. (Med. Supt.)												t
V.D. Clinic, Cardigan Road, Southampton, Hants.	Southampton 3021	Frank Jennings, F.H.A., F.C.C.S. R. M. Warren, B.A., M.B., CH.B., D.P.H. (Med. Supt.)												t
TOTAL BED COMPLEMENT			739	123	463 50	104 51	148	198		295 57	39	2,109 158		

SUB-GROUPING

(1) Forming part of Sub-Group
(2) Forming part of Sub-Group
(3) Forming part of Sub-Group
(4) Forming part of Sub-Group

Senior Administrative Officer:—E. J. IVES, Royal South Hampshire and Southampton Hpl.
Senior Administrative Officer:—H. L. WESTBROOK, Southampton Borough General Hpl.
Senior Administrative Officer:—E. K. MATTHEWS, Southampton Children's Hpl.
Senior Administrative Officer:—N. P. WOOD, Lymington and District Hpl.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No: of Beds provided for H.M.C.
The Gardens, Romsey, Hants.	Romsey 38	Hampshire County Council	42

21. Bournemouth and East Dorset Hospital Management Committee

Secretary: Commander T. S. JACKSON, F.H.A., R.N. (RETD.),
Waverley Hotel, Holdenhurst Road, Bournemouth, Hants.
Tel.: Bournemouth 6201

Supplies Officer: A. K. HARRISON,
Waverley Hotel, Holdenhurst Road, Bournemouth, Hants.

Chairman: J. W. MOORE, J.P.,
Dagnell Lodge, 4, Dunkeld Road, Bournemouth, Hants

Engineer: (n.y.a.)

Finance Officer: W. BUSH, A.C.A.,
Waverley Hotel, Holdenhurst Road, Bournemouth, Hants.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Royal Victoria Hpl. (1), Shelley Road, Boscombe, Hants	Boscombe 201	G. M. Saul, F.H.A. Miss M. K. Clarke	281	63								344	46	a, d, l, m, n, t, u, v
Royal Victoria Hpl. (1), Westbourne, Hants	Westbourne 61335	G. M. Saul, F.H.A. Miss M. K. Clarke	71									71		l, m, n, u
Cornelia and East Dorset Hpl. (2), Longfleet Road, Poole, Dorset	Poole 407	Commander T. S. Jackson, F.H.A., R.N. Miss M. Welford	153	33								186	9	a, l, m, n, t, u, v
Milford-on-Sea War Memorial Hpl. (3), Sea Road, Milford, Nr. Lymington, Hants	Milford 10	H. S. David Miss E. M. Underwood	20									20	8	n, u
Blandford Cottage Hpl. (6), Milldown Road, Blandford, Dorset	Blandford 435	Major A. J. Hills Miss A. Derinder	25									25	2	n
Swanage Cottage Hpl. (4), Queen's Road, Swanage, Dorset	Swanage 2113	Major T. Greene Matron: (vacant)	16	5								21	4	n
Victoria Cottage Hpl. (5), Wimborne, Dorset	Wimborne 26	Miss J. Bode Miss P. M. Coombes	34									34	5	n
Alderney Infectious Diseases Hpl. (9), Ringwood Road, Parkstone, Poole, Dorset	Parkstone 21	E. J. Whitney Miss E. M. Dunn				61						61		m, n
Stone Park Maternity Home (5), Wimborne, Dorset		Miss J. Bode												Not yet occupied
West Howe Infectious Diseases Hpl. (9), Bournemouth, Hants	Northbourne 45	E. J. Whitney												Not occupied
Children's Hpl. (4), Swanage, Dorset	Swanage 2095	Major T. Greene Matron: (vacant)	35									35	6	n
Hahnemann Convalescent Home (1), West Cliff, Bournemouth, Hants	Bournemouth 115	B. W. H. Carter Miss C. D. Pentecost									32*	32		n. *Convalescent.

21. Bournemouth and East Dorset Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Grove Maternity Home (3), Grove Road, Barton-on-Sea, Hants.	New Milton 838	H. S. David Miss M. Meldron		15								15		m, n
Wareham Smallpox Hpl. (4), Morden Heath, Wareham, Dorset		Major T. Greene				8						8		
Bournemouth Sick Bay (1), Stourwood Avenue, Bournemouth, Hants.	Southbourne 1804	G. M. Saul, F.H.A. Miss M. Bradley	24									24		m, n
St. Leonard's Hpl. (7), Ringwood, Hants.		Major A. J. Hills Miss E. M. Wallace												Not yet occupied.
Fairmile Hpl. (8), Christchurch, Bournemouth, Hants.	Christchurch 10	G. V. Foxell, F.H.A. Mrs. K. C. Foxell			317					155†		472		m, n. †Part III accommodation.
Longfleet Gardens Hpl. (2), St. Mary's Road, Poole, Dorset	Poole 17	H. Vaughan Mrs. H. Vaughan			159					44†		203		m, n
Allen House (5), Wimborne, Dorset	Wimborne 25	W. H. Prior Mrs. W. Prior			71					34†		105		
Aston Grays Nursing Home (1), Knole Road, Boscombe, Hants.	Boscombe 441	G. M. Saul, F.H.A. Miss E. M. Meyer		16								16		m, n
Gloucester Road Hpl. (1), Boscombe, Hants.	Boscombe 704	G. M. Saul, F.H.A. Miss M. K. Clarke	68†									68		† Not yet in full occupation.
TOTAL BED COMPLEMENT			727	132	547	69				265		1,740		
SUB-GROUPING														
(1) Royal Victoria House Committee Sub-Group		...												Senior Administrative Officer :—G. M. SAUL, F.H.A., Royal Victoria Hpl.
(2) Cornelia House Committee Sub-Group		...												Senior Administrative Officer :—Commander T. S. JACKSON, F.H.A., R.N. (Retd.), Cornelia Hpl.
(3) Milford-on-Sea House Committee Sub-Group		...												Senior Administrative Officer :—H. S. DAVID, Milford-on-Sea Cottage Hpl.
(4) Swanage House Committee Sub-Group		...												Senior Administrative Officer :—Major T. GREENE, Swanage Cottage Hpl.
(5) Wimborne House Committee Sub-Group		...												Senior Administrative Officer :—Miss J. BODE, Victoria Cottage Hpl.
(6) Blandford House Committee Sub-Group		...												Senior Administrative Officer :—Major A. J. HILLS, Blandford Cottage Hpl.
(7) St. Leonard's House Committee Sub-Group		...												Senior Administrative Officer :—Major A. J. HILLS, St. Leonard's Hpl.
(8) Fairmile House Committee Sub-Group		...												Senior Administrative Officer :—G. V. FOXELL, F.H.A., Fairmile Hpl.
(9) Alderney House Committee Sub-Group		...												Senior Administrative Officer :—E. J. WHITNEY, Alderney Infectious Diseases Hpl.
JOINT USER ARRANGEMENTS														
In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution														
Name and Address of Institution			Telephone	Name of Authority owning Institution							No. of Beds provided for H.M.C.			
West Walls, Wareham, Dorset			Wareham 33	Dorset County Council							45			

22. Winchester Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Winchfield Hpl. (1), Winchfield, Basingstoke, Hants	Hartley Wintney 47	C. J. Walker, B.E.M., A.H.A. Mrs. G. Walker, S.R.N., S.C.M.		5	105				64*			174		n. * Includes non-sick.
Alton General Hpl. (1), Anstey Road, Alton, Hants	Alton 2061	D. F. Pallin Miss E. Dolan, S.R.N. S.C.M.			90							90		n
Cowdery Down Inf. (2), Basing Road, Basingstoke, Hants	Basingstoke 23	T. G. Leonard, S.R.N. Mrs. A. M. Leonard, S.R.N., S.C.M.		9	357					30†		387 9		n, x. † Non-sick.
St. Paul's Hpl. (3), St. Paul's Hill, Winchester, Hants	Winchester 3288	B. G. Keates Mrs. P. A. N. Keates, S.R.N., S.C.M.			207					111†		318		
The Shrubbery Maternity Home (2), Basingstoke, Hants	Basingstoke 244	Miss B. E. Bainton, S.R.N., S.C.M. (Matron)		13								13		n
TOTAL BED COMPLEMENT			364	58 9	759	79	149		64	141	37	1,651 9		

SUB-GROUPING

- (1) Alton and Odiham/Winchfield Sub-Group
- (2) Basingstoke Sub-Group
- (3) Winchester Sub-Group
- (4) Andover and Sanatoria Sub-Group
- Senior Administrative Officer :—G. S. G. GATES, A.H.A., Inwood Cottage Hpl.
- Senior Administrative Officer :—A. BROOMAN, A.H.A., Shrubbery Maternity Home.
- Senior Administrative Officer :—A. J. CURTIS, M.B.E., "Highcroft," Romsey Road, Winchester.
- Senior Administrative Officer :—L. E. FORRYAN, A.H.A., "Highcroft," Romsey Road, Winchester.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
St. John's Hpl., Andover, Hants. (4)	Andover 2019	Hampshire County Council	40
Tichborne Down House, Alresford, Hants. (4)	Alresford 25	Coldeast and Tatchbury H.M.C.	31
Kingsclere Inf. (2), Kingsclere, Nr. Newbury, Berks.	Kingsclere 399	Park Prewett H.M.C.	29

23. Salisbury Group Hospital Management Committee

Secretary: E. L. F. HOLBURN, F.H.A., F.I.A.C.,
Salisbury General Inf.

Finance Officer: R. W. MARTIN, A.I.M.T.A.,
Salisbury General Inf.

Chairman: S. V. CHRISTIE-MILLER,
Clarendon Park, Salisbury, Wilts.

Supplies Officer: R. BARTON, A.COMM.A., M.P.O.A., F.R.H.S.,
Salisbury General Inf.

Engineer: R. BROOM, M.I.H.F.,
Salisbury General Inf.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Salisbury General Inf., Fisherton Street, Salisbury, Wilts	Salisbury 3231	E. L. F. Holburn, F.H.A., F.I.A.C. Miss M. Hall	222	27								249		a, l, n, p, t, u, v
Odstock Hpl., Salisbury, Wilts	Salisbury 5111	E. L. F. Holburn, F.H.A., F.I.A.C. Miss M. Hall	75		75		50					200		
Salisbury Infectious Diseases Hpl., Old Sarum, Salisbury, Wilts	Salisbury 2411	Dr. R. C. Monnington (Med. Supt.) Miss G. Smallridge				36 23	16					52 23		n
Harnwood Sanatorium, Salisbury, Wilts	Salisbury 4454	Miss G. Godfrey (Matron)					25 26					25 26		n
Fordingbridge Hpl., "Highfield", Fordingbridge, Hants	Fordingbridge 3232	G. Britton Miss M. Naughton	24	6								30		n
Westminster Memorial Hpl., Shaftesbury, Dorset	Shaftesbury 2044	R. D. T. Lowe Miss J. Orgill	14	8								22		n
Fordingbridge Infirmary, Fordingbridge, Hants	Fordingbridge 2255	Miss D. Padwick (Matron)			52							52		n
Tower House (former E.M.S. Annexe only) Salisbury, Wilts	Salisbury 5193				100							100		
TOTAL BED COMPLEMENT			335	41	127 100	36 23	91 26					630 149		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Tower House, Salisbury, Wilts.	Salisbury 5193	Wiltshire County Council	50
Alcester House, Shaftesbury, Dorset	Shaftesbury 2254	Dorset County Council	35

24. Isle of Wight Group Hospital Management Committee

Secretary: J. E. RAY, F.H.A.,
St. Mary's Hpl

Finance Officer: H. FORSHAW, A.H.A., F.I.M.T.A., F.S.S.,
St. Mary's Hpl.

Chairman: H. S. SAUNDERS,
Buckland Grange, Spencer Road, Ryde, I.O.W.

*Engineer: L. DAY,
St. Mary's Hpl.*

[illegible]

24. Isle of Wight Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
X-Ray, Clinic, Parkhurst Institution, Newport, I.O.W.	Newport 2964	E. Gordon Barker (Med. Supt.)												
			166	10	194	40	41 14	498	65	100	22	1,136 14		
TOTAL BED COMPLEMENT			166	10	194	40	41 14	498	65	100	22	1,136 14		

25. West Dorset Group Hospital Management Committee

Secretary: D. A. PINKHAM, F.H.A., F.C.I.S.,
c/o Dorset County Hpl.
Finance Officer: B. G. BUSH, A.S.A.A.,
c/o Dorset County Hpl.

Chairman: Captain L. L. YEATMAN,
Stock House, Nr. Sturminster, Newton, Dorset

Supplies Officer: S. CRAIN,
c/o Dorset County Hpl.
Engineer: B. M. BLAKE,
Sherborne E.M.S. Hpl.

Dorset County Hpl., Princes Street, Dorchester, Dorset	Dorchester 875/6	H. G. Barrow, A.H.A. Miss D. M. Goodwin, S.R.N.	87	24							11	122		a, l, t, u, v
Weymouth and District Hpl., Melcombe Avenue, Weymouth, Dorset	Weymouth 1595/6	H. A. D. Price, F.H.A. Miss M. Hughes, S.R.N., S.C.M.	96	20		2					12	130		a, l, u, v
Portway Hpl., Wyke Road, Weymouth, Dorset	Weymouth 1881	J. D. Dear (Med. Supt.) Miss E. Brown, S.R.N.	65 42	23								88 42		m, n, u
Weymouth and Dorset County Royal Eye Inf., 9, Greenhill, Weymouth, Dorset	Weymouth 263	Miss D. Perkins, S.R.N. (Matron)	22								1	23		c
Yeatman Memorial Hpl., Hospital Lane, Sherborne, Dorset	Sherborne 26	Miss M. L. Elliott, S.R.N. (Matron)	42	12							6	60		
Bridport Hpl., Park Road, Allington Park, Bridport, Dorset	Bridport 113	Miss L. Winterbottom, S.R.N. (Matron)	29	2							1	32		
Weymouth Infectious Diseases Hpl., Radipole Lane, Weymouth, Dorset	Weymouth 16	Miss A. Z. Gamwell, S.R.N. (Matron)				12 44						12 44		

25. West Dorset Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Bridport Infectious Diseases Hpl., North Allington, Bridport, Dorset	Bridport 66	Miss A. Davies, s.r.n. (Matron)				16	8					24		
Dorchester Infectious Diseases Hpl., Herringstone Road, Dorchester, Dorset	Dorchester 167	Miss M. A. Robinson, s.r.n. (Matron)				19						19		
Somerleigh Court Maternity Home, Somerleigh Drive, Dorchester, Dorset														Not yet opened
Damers House Hpl., Damers Road, Dorchester, Dorset	Dorchester 64	Miss E. D. Chambers, s.r.n. (Sister-in-charge)			121					25*		126		*Part III accommo- dation.
Bedford House Hpl., Barrack Street, Bridport, Dorset	Bridport 133	Mrs. L. E. Williams (Matron)			50 7			2	29	17*		98 7		z
E.M.S. Hpl., Coldharbour, Sherborne, Dorset	Sherborne 535													Closed
V.D. Clinic, Wyke Road, Weymouth, Dorset	Weymouth 1656													u
Orthopaedic Clinic, Glyde Path Road, Dorchester, Dorset	Dorchester 1000													
Orthopaedic Clinic, Bridport, Dorset														
Orthopaedic Clinic, Sherborne, Dorset														
Allington Court Maternity Home, Bridport, Dorset														Not yet opened
TOTAL BED COMPLEMENT			341 42	81	171 7	49 44	8	2	29	42	31	754 93		

25. West Dorset Group Hospital Management Committee—*Cont.*

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institutions

<i>Name and Address of Institution</i>	<i>Telephone</i>	<i>Name of Authority owning Institution</i>	<i>No. of Beds provided for H.M.C.</i>
Stour View House, Sturminster Newton, Dorset	Sturminster Newton 70	Dorset County Council	49
Stoke Water House, Beaminster, Dorset	Beaminster 218	Dorset County Council	53

26. Lord Mayor Treloar Orthopaedic Hospital Management Committee

Secretary: S. W. CANE, F.H.A.,
Lord Mayor Trelor Orthopaedic Hpl.

Finance Officer: F. W. WALKER, A.L.A.A., F.I.A.C.,
Lord Mayor Treloar Orthopaedic Hpl.

Chairman: Major General The Rt. Hon. Lord Burnham,
[C.B., D.S.O., M.C., T.D., D.L.,
Hall Barn, Beaconsfield, Bucks

Supplies Officer: J. W. THORLEY, A.H.A.,
Lord Mayor Treloar Orthopaedic Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Lord Mayor Treloar Orthopaedic Hpl., Alton, Hants	Alton 2238	S. W. Cane, F.H.A. E. S. Evans, M.B., F.R.C.S. (Med. Miss J. Walker, S.R.N. [Supt.)	344									344			
		56										56			
Lord Mayor Treloar Orthopaedic Hpl., Hayling Island, Hants	Hayling Island 77831	TOTAL BED COMPLEMENT	400*									400*			* Beds are for children only

27. Ventnor Hospital Management Committee

Secretary and Finance Officer: J. FISHBURN,
Royal National Hpl. for Diseases of the Chest
Tel.: Ventnor 501/3 Ext. 20

*Supplies Officer: C. L. WEAVER,
Royal National Hpl. for Diseases of the Chest
Tel.: Ventnor 501/3 Ext. 23*

Chairman: J. WHILLIFER, LL.B.,
"Seastrand," Bonchurch, Nr. Ventnor, I.O.W.

*Engineer: F. W. GLEDHILL,
Royal National Hpl. for Diseases of the Chest
Tel.: Ventnor 501/3 Ext. 41*

Royal National Hpl. for Diseases of the Chest, Ventnor, I.o.W.	Ventnor 501/3	J. Fishburn A. K. Miller, M.R.C.P. (Med. Supt.) Miss A. Taylor	234	234
TOTAL BED COMPLEMENT			234	234

28. Bournemouth and Poole Sanatoria Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
P. RICKARD, D.P.A., A.H.A.,
3/5, Post Office Arcade, Bournemouth, Hants
Tel.: Bournemouth 5258

Chairman: Col. W. R. THOMPSON, T.D., D.L., J.P.,
22, Dean Park Road, Bournemouth, Hants
Engineer: (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Herbert Home, Alumhurst Road, Bournemouth, Hants	Westbourne 61498	Dr. D. J. ap Simon (Med. Supt.) Miss J. M. Lamb					43						43		n, u
Douglas House, West Southbourne, Bournemouth, Hants	Southbourne 425	Dr. A. E. K. Salvi (Med. Supt.) Miss E. Yates					125						125		n
Linford Sanatorium, Ringwood, Nr. Bournemouth, Hants	Ringwood 29	Dr. D. T. Davies Dr. H. R. Paterson (Med. Supt.) Miss E. E. Dovey					40						40		
Royal National Sanatorium, Bournemouth, Hants	Bournemouth 98	Dr. A. C. Craig (Med. Supt.) Miss E. Botteley					105						105		n
Dorset County Home, 17, Bournemouth Road, Parkstone, Dorset	Parkstone 182	Dr. F. E. Crawley (Med. Supt.) Matron: (n.y.a.)					36						36		n
Firs Home, Trinity Road, Bournemouth, Hants	Bournemouth 170	Dr. McKay Grant (Med. Officer) Miss F. M. Gardner					21						21		n
White House Home, Milford-on-Sea, Hants	Milford-on-Sea 467	Dr. R. S. Caldwell (Med. Officer) Miss E. James					30						30		n
T.B. Dispensary, St. Stephen's Road, Bournemouth, Hants		Dr. H. R. Paterson and Dr. D. J. ap Simon (T.B. Officers)													u
T.B. Dispensary, 14, King Street, Poole, Dorset		Dr. F. E. Crawley and Dr. J. B. Hayes (T.B. Officers)													u
TOTAL BED COMPLEMENT							400						400		

29. Springfield, Tooting Hospital Management Committee

Secretary: H. L. BAKER, M.C., F.H.A.,
Springfield Hpl.

Chairman: T. E. PARKER, J.P.,
41, Park Hall Road, East Finchley, London, N. 2
Engineer: C. E. BJORCK, M.I.M.A.R.E., A.M.I.M.E.,
Springfield Hpl.

Finance Officer and Supplies Officer: W. P. BAKER, A.H.A.,
Springfield Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Springfield Hpl., Beechcroft Road, Tooting, London, S.W.17	Balham 1026/9	H. L. Baker, M.C., F.H.A.						1,812					1,812	f, l, m, n, v, w
		H. C. Beccle, M.B., M.R.C.P., D.P.M. (Med. Supt.) Miss N. Jolley, S.R.N.												
Springfield Anneve, Kingston Road, New Malden, Surrey	Malden 0779	H. L. Baker, M.C., F.H.A.						294					294	m, n
		H. C. Beccle, M.B., M.R.C.P., D.P.M. (Med. Supt.) Miss P. Wade, S.R.N.												
TOTAL BED COMPLEMENT								2,106					2,106	

30. Tooting Bec Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
F. C. ANDERSON, A.H.A., M.G.I.,
Tooting Bec Hpl.

Chairman: D. TIMINS, O.B.E., M.A.,
8, Clarence Gate Gardens, London, N.W.1

Engineer: A. SINCLAIR, M.I.E.C.,
Tooting Bec Hpl.

Tooting Bec Hpl., Tooting Bec Road, Tooting, London, S.W.17	Balham 6655	F. C. Anderson, A.H.A., M.G.I. J. E. S. Lloyd, M.D., M.R.C.P., D.P.M. Barrister-at-Law (Physi- cian Supt.) Miss O. M. Reade, S.R.N., R.M.N., R.M.P.A.						2,188 175			2,188 175	f, n, y
TOTAL BED COMPLEMENT								2,188 175			2,188 175	

31. Fountain Group Hospital Management Committee

Secretary: S. G. P. WADE, A.H.A.,
Fountain Hpl.

Chairman: Mrs. E. R. HOARE,
Flat 701, Raleigh House, Dolphin Square, London, S.W.1

Engineer: J. R. FOLEY, G.M.,
Fountain Hpl.

Fountain Hpl., Tooting Grove, London, S.W.17	Balham 3361	S. G. P. Wade, A.H.A. L. T. Hilliard, M.A., M.B., D.P.M. (Med. Supt.) Miss E. A. Bell, S.R.N., S.C.M., R.N.M.D., R.M.P.A. (CERT.)							635 65		635 65	g (female nurses only) l, n, u, v, x
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44. Warlingham Park Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
J. H. GRAHAM, F.H.A.,
Warlingham Park Hpl.

Chairman: H. L. KENDALL,
Blenheim Park Road, South Croydon, Surrey
Engineer: A. M. JONES,
Warlingham Park Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Warlingham Park Hpl., Upper Warlingham, Surrey	Upper Warlingham 601	J. H. Graham, F.H.A.						1,046					1,064		f, l, m, v, w, z
		T. P. Rees, M.D., M.R.C.P., D.P.M. (Med. Supt.) Miss K. Brennan													
TOTAL BED COMPLEMENT								1,046					1,046		

45. Graylingwell Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
E. C. ENGLAND, F.H.A.,
Graylingwell Hpl.

Chairman: A. CAIRNS, J.P.,
Oakwood, East Lavant, Sussex
Engineer: J. C. CHYNOWETH, A.M.C.T.(MECH. ENG.),
Graylingwell Hpl.

Graylingwell Hpl., 9, College Lane, Chichester, Sussex	Chichester 3288/9	E. C. England, F.H.A. Joshua Carse, M.D., D.P.M. (Med. Supt.) Miss L. de Gras, S.R.N., R.M.N., S.C.M.						1,130 52				1,130 52		f, l, m, u, v, w
TOTAL BED COMPLEMENT								1,130 52				1,130 52		

46. Knowle Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
M. WALSH, F.H.A.,
Knowle Hpl.

Chairman: H. J. NIGHTINGALE, O.B.E., M.S., F.R.C.S., J.P.,
Bramblewood, Shorefield Road, Milford-on-Sea, Hants
Engineer: F. J. HOWLING,
Knowle Hpl.

Knowle Hpl., Fareham, Hants.	Wickham 3169	M. Walsh, F.H.A. C. T. Thomas, L.R.C.P., M.R.C.S., D.P.H., D.P.M. (Physician Supt.) Miss E. A. Ashley, S.R.N.						1,100				1,100		f, l, m, u, v, w
TOTAL BED COMPLEMENT								1,100				1,100		

47. Park Prewett Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
F. HALES, F.H.A., F.C.C.S.,
Park Prewett Hpl.

Chairman: R. P. CHESTER, J.P.,
Wheely Down, Warrford, Nr. Southampton, Hants

Engineer: F. J. TIVEY, M.INST.F., A.I.E.E.,
Park Prewett Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Park Prewett Hpl., Basingstoke, Hants.	Basingstoke 510	F. Hales, F.H.A., F.C.C.S. I. Atkin, M.D., B.S., L.R.C.P., D.P.M. (Lond.), M.R.C.S. (Eng.) (Med. Supt.) Miss K. Gander						1,248 181				1,248 181		f, l, m, n, u, v, w
Wimble Hill House, Nr. Crondall, Farnham, Surrey	Crondall 310	J. R. Curtis Mrs. J. R. Curtis			5			76	31 24			112 24		x, y
Rooksdown House, Basingstoke, Hants.	—	F. Hales, F.H.A., F.C.C.S. Air-Vice Marshall A. E. Panter, C.B., M.R.C.S., L.R.C.P. (Med. Supt.) Miss D. Whiteside	160									160		u
Kingsclere Inf., Kingsclere, Nr. Basingstoke, Hants.	—	R. H. Nicholson Mrs. L. E. Nicholson			29			53	11			93		y
TOTAL BED COMPLEMENT			160		34			1,377 181	42 24			1,613 205		

48. Coldeast and Tatchbury Mount Hospital Management Committee

Secretary: W. M. WORLOCK, F.H.A.,
Tatchbury Mount

Chairman: A. H. POWDRILL, J.P.,
Meadowcroft, Bassett Avenue, Southampton

Finance Officer: G. V. SCRIVENS, F.H.A.,
Coldeast Hpl.

Supplies Officer: W. M. WORLOCK, F.H.A. (Tatchbury)
G. V. SCRIVENS, F.H.A. (Coldeast)

Coldeast, Sarisbury Green, Nr. Southampton	Locks Heath 2241	G. V. Scrivens, F.H.A. Dr. Alban Wilson (Physician Supt.) Mrs. E. K. Bushell							625			625		g, l, m, n, u, v, x
Tatchbury Mount, Totton, Southampton	Totton 3264	W. M. Worlock, F.H.A. Dr. G. J. Bell (Deputy Physician Supt.) Mrs. J. A. Worlock							360			360		l, v, x
Tichborne Down House, Alresford, Hants.	Alresford 25	L. K. Price Mrs. M. A. Price			41				69			110*		x. * Beds available, 1st February, 1949.
TOTAL BED COMPLEMENT					41				1,054			1,095		

49. St. James's, Portsmouth Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
W. R. CARPENTER, F.H.A., F.C.I.S., A.R.S.A.N.I.
St. James's Hpl.

Chairman: H. G. Cook,
Denholme, 26, Campbell Road, Southsea, Hants

Engineer: G. ROBERTS,
St. James's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
St. James's Hpl., Milton, Portsmouth	Portsmouth 32208	W. R. Carpenter, F.H.A., F.C.I.S., A.R.S.A.N.I. Thomas Beaton, O.B.E., M.D., F.R.C.P. (Med. Supt.) Miss P. Loe, M.B.E., S.R.N., R.M.N. F. Norbury, M.B.E., S.R.N., R.M.N. (Chief Male Nurse)						1,075					1,075		f, l, n, u, v, w
		TOTAL BED COMPLEMENT							1,075				1,075		

50. Dorset (Herrison, Dorchester) Hospital Management Committee

Secretary: E. S. SMITH, M.A., LL.B.,
51, High West Street, Dorchester, Dorset
Tel.: Dorchester 90

Chairman: A. H. EDWARDS,
Wentworth, Dorchester, Dorset

Finance Officer and Supplies Officer: G. A. THACKER, F.H.A.,
Herrison Hpl.

Engineer: A. M. BOWLE,
Herrison Hpl.

Herrison Hpl., Herrison, Dorchester, Dorset	Dorchester 28	A. C. Sinclair, M.D., M.B., CH.B., B.A.O., D.P.M., D.P.H., D.M.R.E. (Med. Supt.) Miss M. M. Murray						993				993	130	f, m, n, v, w
		TOTAL BED COMPLEMENT						993				993	130	

51. Cassel Hospital Management Committee

Secretary, Finance Officer and Supplies Officer: Miss D. MALLION,
Cassel Hpl.

Chairman: The Rt. Hon. Sir FELIX CASSEL, Bt., P.C. K.C.,
Putteridge Bury, Luton, Beds.

Cassel Hpl. for Functional Nervous Disorders, Ham Common, Richmond, Surrey	Kingston 1285/7	Miss D. Mallion T. F. Main, M.D., D.P.M. (Med. Supt.) Miss D. Weddell, S.R.N., C.M.B.						95*			5	100		m, n, u, v. * Psychoneurosis.
		TOTAL BED COMPLEMENT						95			5	100		

52. Holloway Sanatorium Hospital Management Committee

Secretary: E. C. HELD, F.H.A.,
Holloway Sanatorium

Chairman: Professor S. G. V. FITZGERALD,
Mount Airy, Virginia Water, Surrey

Supplies Officer: W. B. HARRISON, F.H.A., A.R.S.A.N.I.,
Holloway Sanatorium

Finance Officer: L. W. E. RICHARDS, A.H.A., A.C.A.,
Holloway Sanatorium

Engineer: H. R. PIKE,
Holloway Sanatorium

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total	
Holloway Sanatorium, Virginia Water, Surrey	Wentworth 2241	E. C. Held, F.H.A. D. N. Parfitt, M.D., M.R.C.P. (Med. Supt.) Miss A. O. Bishop						470 40			20	490 40		f, l, n, u, v, w	
St. Ann's, West Road, Canford Cliffs, Bournemouth, Hants	Canford Cliffs 27	E. C. Held, F.H.A. D. N. Parfitt, M.D., M.R.C.P. (Med. Miss A. B. E. Powell [Supt.]						50				50		n, u, v	
TOTAL BED COMPLEMENT								520 40			20	540 40			

OXFORD REGION

Area : The administrative counties of Berks. (except the part included in the North-West Metropolitan Regional Hospital Area), Buckingham (except the part included in the North-West Metropolitan Regional Hospital Area), Northampton and Oxford. The county boroughs of Northampton, Oxford and Reading.

So much of the administrative county of Gloucester as comprises the urban district of Cirencester; and the rural districts of Cirencester, North Cotswold and Northleach. So much of the administrative county of Wilts. as comprises the boroughs of Marlborough and Swindon; and the rural districts of Cricklade and Wootton Bassett, Highworth, Marlborough and Ramsbury and Pewsey.

Population : 1,188,098.

Regional Hospital Board

Address : 43, Banbury Road, Oxford

Telephone : Oxford 47645

Chairman of Board : A. Quinton Wells (b)

Other Members : (a) F. Etherington, Mrs. French, Prof. A. D. Gardner, Alderman Mrs. A. Jenkins, J.P., Miss R. R. Jolliffe, P. C. Raffety, J.P., A. J. B. Selwood, J. S. I. Skottowe; (b) A. R. Banham, D. S. Jones, Prof. T. Pomfret Kilner, Col. C. B. Krabbe, O.B.E., Miss R. Spooner, J. A. Stallworthy, Rev. J. D. Turner; (c) Miss C. Adams, J.P., Sir Henry Clay, K.C.B., H. A. Goddard, L. M. Paterson, W. R. Robins, J.P., Dr. J. Vaughan, A. Woodley.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

G. WATTS, F.H.A.

Assistant Secretary :

W. F. G. LE BAILLY, A.H.A.

Treasurer :

H. S. HERBERT, A.H.A.

Assistant Treasurer :

C. R. POOLE, A.I.M.T.A., A.L.A.A., F.S.S.

Architect :

R. FIELDING DODD, F.R.I.B.A.

Legal Adviser :

H. PLOWMAN

Senior Admin. Medical Officer :

G. C. WILLIAMS, O.B.E., M.A., M.R.C.S., M.R.C.P., D.P.H.

Assistant Senior Medical Officers :

F. J. FOWLER, O.B.E., M.B., CH.B.

COL. L. K. LEDGER, C.I.E., O.B.E., M.R.C.S., L.R.C.P., D.O.

Teaching Hospital within Region : The United Oxford Hospitals.

2. High Wycombe and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
V.D. Clinic (1), High Wycombe, Bucks	High Wycombe 1269	Morris F. Korn, M.R.C.S., L.R.C.P. (Med. Officer)													
Physiotherapy Clinic (1), 1, Cornmarket, High Wycombe, Bucks	High Wycombe 725														
Marlow Cottage Hpl. (1), Glade Road, Marlow, Bucks	Marlow 92	Miss A. North, S.R.N., S.C.M. (Matron)	8								2	10			
Chalfont and Gerrards Cross Hpl. (3), Gerrards Cross, Bucks	Gerrards Cross 3821	R. Tinker, A.I.A.C. Miss M. Goodall, S.R.N., R.M.N., S.C.M.	29								7	36			n, u
Chesham Cottage Hpl. (2), Waterside, Chesham, Bucks	Chesham 61	C. Walter Miss J. W. PARKER, S.R.N.	20								1	21			n
Amersham General Hpl. (2), Amersham, Bucks	Amersham 1173	W. D. Lovelock-Jones, F.R.C.S. (Med. Director) Miss M. H. Harris, S.R.N., S.C.M.	120		126*		4					250			n, t, u, v * Includes 33 beds used as Part III accommodation
Stone Maternity Home (2), Chalfont St. Giles, Bucks	Chalfont St. Giles 387	Miss J. Snaith, S.R.N., S.C.M. (Matron)		10								10			
TOTAL BED COMPLEMENT			271	27	126	60	4				17	505			

SUB-GROUPING

- (1) High Wycombe Hospitals House Committee Sub-Group ... Senior Administrative Officer : E. Barber, A.H.A., High Wycombe and District War Memorial Hpl.
- (2) Amersham and Chesham Hospitals House Committee Sub-Group ... Senior Administrative Officer : W. D. Lovelock Jones, F.R.C.S., Amersham General Hpl.
- (3) Chalfont and Gerrards Cross Hospitals Sub-Group ... Senior Administrative Officer : R. Tinker, A.I.A.C., Chalfont and Gerrards Cross Hpl.

4. Northampton and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Northampton Infectious Diseases Hpl., Harborough Road, Northampton	Northampton 1402	M. O. Aldridge, F.H.A. Miss W. Caldwell				85						85		
Northampton Smallpox Hpl., The Mere, Northampton	Hardingstone 254	Dr. C. G. Payton (T.B. Med. Officer)				48						48		Not in operation
Borough T.B. Dispensary, 11, St. Matthew's Parade, Northampton	Northampton 3529	Dr. N. B. Laughton (Med. Supt.)												i, u
County T.B. Dispensary, County Health Department, Guildhall Road, Northampton	Northampton 4042. Ext. 3	Dr. G. B. Lord (T.B. Med. Officer)												
Manfield Orthopaedic Hpl., Northampton	Northampton 19	H. G. Lewis, F.H.A., F.C.I.S. Miss E. M. Edmonds	192*								8	200		c, i, n, i, u. *Orthopaedic and T.B. orthopaedic.
John Greenwood Shipman Hpl., Dallington, Northampton	Northampton 428	H. G. Lewis, F.H.A., F.C.I.S. Miss E. M. Edmonds								25†		25		†Convalescent
Manfield Orthopaedic Clinic, Hazelwood Road, Northampton	Northampton 1945	H. G. Lewis, F.H.A., F.C.I.S.												u
Creaton Sanatorium, Creaton, Northampton	Creaton 209	F. J. Page Dr. E. T. W. Starkie (Med. Supt.) Miss D. Carter					125 17				8	125 25		c, n
Westbury Maternity Home, Newport Pagnell, Bucks	Newport Pagnell 12	R. G. Austin Mrs. R. G. Austin		6	110							116		n
Renny Lodge Hpl., Newport Pagnell, Bucks	Wolverton 2131	Dr. M. Brough (Med. Officer)												n, i
T.B. Dispensary, c/o. Messrs. McCorquodale, Wolverton, Bucks	Brixworth 233	Miss N. Lloyd (Matron)				82						82		n

4. Northampton and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Wellingborough Orthopaedic Clinic, Rock Street Schools, Wellingborough, Northants		H. G. Lewis, F.H.A., F.C.I.S.												11
		TOTAL BED COMPLEMENT	604	90	493	133	125 17	24	12	25	36 8	1,542 95		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Danetre Hpl., Daventry, Northants.	Daventry 79	Northants County Council	141

5. St. Crispin Hospital Management Committee

Secretary, Finance Officer and Supplies Officer :
A. H. JAMES, F.H.A.,
St. Crispin Hpl.

Chairman : P. CAMPION, M.B.E.,
The Homestead, Bugbrooke, Northants.

Engineer : A. J. GOATLEY.
St. Crispin Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
St. Crispin Hpl., Duston, Near Northampton	Duston 58	C. A. Keane, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.M. (Med. Supt.)						1,390					1,390		f, n, u, v, w, z
		Miss I. Bamforth, R.M.P.A., S.R.M.N.												1,390	
		TOTAL BED COMPLEMENT											1,390		

6. Kettering and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Orthopaedic Clinic, Corby, Northants															
Wellingborough Isolation Hpl., Finedon Road, Wellingborough, Northants	Wellingboro' 2081	Matron : (Vacant)													Closed
The Home Hpl. Clinic, Hayway, Rushden, Northants															
TOTAL BED COMPLEMENT			131	50	296	15	80	8	36		8	624			
			12		70	40						122			

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Glaphthorn Road Hpl., Oundle, Northants	Oundle 3174	Northants County Council	54

7. Reading and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Townlands Hpl. (2), Henley-on-Thames, Oxon	Henley 86	F. Shirley, A.H.A., F.C.C.S. Mrs. E. A. Shirley, S.R.N., S.C.M.		7	91							98		n
Smith Isolation Hpl. (2), Fairmile, Henley-on-Thames, Oxon	Henley 73													Temporarily closed
Whitelands Smallpox Hpl. (2), Pishill with Stonor, Henley-on-Thames, Oxon														Closed
Newbury and District Hpl. (4) Andover Road, Newbury, Berks	Newbury 1457/9	J. S. Holdstock, A.H.A., F.C.C.S., F.I.A.C. Miss E. P. Marchant, A.R.R.C.	81								6	87		c, n, u, v
Sandleford Hpl. (4), 214, Newtown Road, Newbury, Berks	Newbury 194	J. S. Holdstock, A.H.A., F.C.C.S., F.I.A.C. Mrs. K. Duckworth, S.R.N., S.C.M., R.F.N.		14	104 15				4			122 15		m, n, x
T.B. Dispensary (7), The Wharf, Newbury, Berks	Newbury 1143	Dr. D. Kemp (Chest Physician-in-charge)												
Children's Hpl. (5), Cold Ash, Newbury, Berks	Thatnam 3215	J. S. Holdstock, A.H.A., F.C.C.S., F.I.A.C. Miss E. J. Small	26†				11					37		†Long term orthopaedic
Wallingford and District Hpl. (6), Reading Road, Wallingford, Berks	Wallingford 3133	R. V. Chesworth Miss A. B. Naughton, S.R.N.	16								2	18		n, u
Wallingford and Bullingdon Isolation Hpl. (6), St. George's Road, Wallingford, Berks	Wallingford 3129	R. V. Chesworth Mrs. G. E. Russell, S.R.N., S.R.F.N., R.R.C.				32						32		n, u
St. Mary's Hpl. (6), Wantage Road, Wallingford, Berks	Wallingford 2219	R. V. Chesworth Miss P. Pocock, S.R.N.			132							132		n, u, x
Peppard Sanatorium (7), Henley-on-Thames, Oxon	Rotherfield Greys 371/2	N. Dove, A.H.A. Harley E. Stevens, M.B., M.R.C.P. D.P.H. (Med. Supt.) Miss D. A. Elliott, S.R.N., S.C.M.					242					242		k, n, i, u

7. Reading and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Wokingham Hpl. (3), 41, Barkham Road, Wokingham, Berks	Wokingham 8	H. G. Billing, A.H.A., A.C.C.S., A.R.I.P.H.H. Mrs. L. V. Billing, S.R.N., S.C.M. Dr. D. Kemp (Chest Physician-in-charge)		19	105		1		2			127		n, x
T.B. Dispensary (7), Denmark Street, Wokingham, Berks														
		TOTAL BED COMPLEMENT	599	139	601	72	274		6	64	34	1,789		
			30	10	15	60	6					121		

SUB-GROUPING

- (1) House Committee No. 1 (Reading Area) Sub-Group

(2) House Committee No. 2 (Henley Area) Sub-Group

(3) House Committee No. 3 (Wokingham) Sub-Group

(4) House Committee No. 4 (Newbury) Sub-Group

(5) House Committee No. 5 (Cold Ash) Sub-Group

(6) House Committee No. 6 (Wallingford) Sub-Group

(7) House Committee No. 7 (Peppard) Sub-Group
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- Senior Administrative Officer : Mrs. I. Stride, A.H.A., Royal Berkshire Hpl.

Senior Administrative Officer : F. Shirley, A.H.A., F.C.C.S., Townlands Hpl.

Senior Administrative Officer : H. G. Billing, A.H.A., A.C.C.S., A.R.I.P.H.H., Wokingham Hpl.

Senior Administrative Officer : J. S. Holdstock, F.C.C.S., A.H.A., Newbury and District Hpl.

Senior Administrative Officer : R. V. Chesworth, St. Mary's Hpl.

Senior Administrative Officer : N. Dove, A.H.A., Peppard Sanatorium

8. Berkshire Mental Hospitals Management Committee

Secretary and Supplies Officer : V. S. WHITE,
Fair Mile Hpl.

Finance Officer : J. R. F. DAVIS, A.H.A.,
Fair Mile Hpl.

Chairman : Alderman Mrs. A. JENKINS,
10A, Brunswick Hill, Reading, Berks.

Engineer : W. G. HARPER,
Fair Mile Hpl.

Fair Mile Hpl., Wallingford, Berks	Goring 350/1	V. S. White Dr. W. Ogden (Med. Supt.) Miss A. E. Pilgrim	1,135									1,135		f, l, n, u, v, w, z
Borocourt Hpl., Near Reading, Berks	Checkendon 59	Miss F. Gill (Matron-Supt.)							400			400		g, l, n, x
Wayland House Hpl., Bradfield, Berks	Bradfield 13	V. R. Mitchell Mrs. E. G. Mitchell							72 71			72 71		n, x

8. Berkshire Mental Hospitals Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	Notes
Cumnor Rise House, Cumnor Hill, Oxford	Cumnor 41	Miss E. Hadwen							34			34		n, x
The Old House, Wheatley, Oxon	Wheatley 5	Miss E. R. Lacey (Sister-in-charge)							15			16		x
Hungerford Institution, Hungerford Annexe, Park Street, Hungerford, Berks.	Hungerford 49	G. F. Payne Miss J. Wadsworth						130				130		n, y
TOTAL BED COMPLEMENT								1,265	522 71			1,787 71		

9. Swindon and District Hospital Management Committee

Chairman : Alderman G. H. SELMAN,
39, Pembroke Street, Swindon, Wilts.
Supplies Officer : F. H. BISHOP, A.H.A.,
Swindon Victoria Hpl. Tel.: Swindon 2255

Secretary : W. J. LEWIS, J.P., A.H.A., F.C.C.S.,
Swindon Victoria Hpl. Tel.: Swindon 2255
Finance Officer : R. EMERSON, A.I.M.T.A.,
Swindon Isolation Hpl. Tel.: Swindon 3844

Swindon and North Wilts Victoria Hpl. Okus Road, Swindon, Wilts	Swindon 2255	W. J. Lewis, J.P., A.H.A., F.C.C.S. Miss K. L. Fullarton	96								8	104	4	a, l, n, t, u, v
St. Margaret's Hpl., Highworth Road, Stratton St. Margaret, Near Swindon, Wilts	Swindon 2291	L. V. Bird J. Lowe, M.D., F.R.C.S.E. (Med. [Supt.] Miss C. Moan	89	108	3							200		c, n
G.W.R. Hpl., Emlyn Square, Swindon, Wilts	Swindon 2509	E. W. Chamberlain Miss K. L. Fullarton	44									44		n, u
Swindon Maternity Hpl., Kingshill, Swindon, Wilts	Swindon 2800	Miss D. Hancock (Matron)		33								33		n, p, u

9. Swindon and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Swindon Isolation, Hpl. Gorse Hill, Swindon, Wilts	Swindon 2142	Miss F. A. Smith (Matron)				84						84		n
Savernake Hpl., Marlborough, Wilts	Marlborough 59	G. V. Mathews, B.COM., A.H.A., F.C.I.S. Miss E. G. Swale	79 4	9							8	96 4		c, n
Marlborough Children's Home, Marlborough, Wilts	Marlborough 16	Mrs. D. Harral (Matron)								100		100		n
Ogbourne Smallpox Hpl., Ogbourne St. George, Wilts	Ogbourne 207	Mrs. D. Harral (Matron)				22						22		n
Pewsey Colony Institution, Pewsey, Marlborough, Wilts	Pewsey 2121	F. G. Wheeler J. B. Methven, M.B., CH.B., Dipl. Psych. (Med. Supt.) Miss N. J. Meldrum							436			436		g, n, x
Potterne Hostel, Potterne, Devizes, Wilts	Devizes 110	F. G. Wheeler J. B. Methven, M.B., CH.B., Dipl. Psych. (Med. Supt.) Miss N. J. Meldrum							26			26		n
Purton Institution for Mental Defectives, Purton, Near Swindon, Wilts	Purton 223	F. G. Wheeler J. B. Methven, M.B., CH.B., Dipl. Psych. (Med. Supt.) Miss N. J. Meldrum							56			56		n, x
V.D. Clinic. Isolation Hpl., Gorse Hill, Swindon, Wilts	Swindon 2142													n, u
Orthopaedic Clinic, Isolation Hpl., Gorse Hill, Swindon, Wilts	Swindon 2142													n, u
T.B. Dispensary, 15, Milton Road, Swindon, Wilts	Swindon 2128													n, u
TOTAL BED COMPLEMENT			308 4	42	108	106	3		518	100	16	1,201 4	4	

10. Cirencester and District Hospital Management Committee

Secretary and Finance Officer : H. DOUTHWAITE, F.B.S.S., A.I.A.C.
Watermoor Hpl.

Chairman : J. W. CRIPPS,
Wykeham, Ford Farm, Ampney Crucis, Cirencester, Glos.

Supplies Officer : A. N. GEGG,
Watermoor Hpl.

Engineer : H. BARKER,
Watermoor Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Cirencester Memorial Hpl., Sheep Street, Cirencester, Glos.	Cirencester 392	H. Douthwaite, F.B.S.S., A.I.A.C. Miss E. M. Bastard	56								4	60		c
Cirencester Infectious Diseases Hpl., Watermoor, Cirencester, Glos.	Cirencester 392	H. Douthwaite, F.B.S.S., A.I.A.C. Mrs. O. Campbell				17						17		
Cirencester Memorial Hpl. Clinic, Sheep Street, Cirencester, Glos.	Cirencester 392	H. Douthwaite, F.B.S.S., A.I.A.C.												
T.B. Dispensary, Sheep Street, Cirencester, Glos.	Cirencester 392	H. Douthwaite, F.B.S.S., A.I.A.C.												
Watermoor Hpl., Querns Road, Cirencester, Glos.	Cirencester 392	H. Douthwaite, F.B.S.S., A.I.A.C. Mrs. A. M. Gegg.			173							173		
Northleach Hpl., Northleach, Glos.	Northleach 260	H. Douthwaite, F.B.S.S., A.I.A.C. Mrs. E. G. Brookes			76							76		x
Cirencester Maternity Hpl., Tetbury Road, Cirencester, Glos.	Cirencester 392	H. Douthwaite, F.B.S.S., A.I.A.C. Miss B. Stradling		18								18		
TOTAL BED COMPLEMENT			56	18	249	17					4	344		

11. Oxford and District Hospital Management Committee

Secretary : H. K. PEARCE,
17, St. Michael's Street, Oxford.
Tel. : Oxford 48236.

Chairman : The Rt. Hon. the EARL OF MACCLESFIELD, J.P.,
Shirburn Castle, Watlington, Oxon.

Finance Officer : Captain C. J. B. HARRIS, R.N.(Retd.),
17, St. Michael's Street, Oxford.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Warren Cottage Hpl., The Warren, Radley Road, Abingdon, Berks	Abingdon 48	N. B. Challenor Miss W. Hutchison	30	3								33	2	<i>l, n, u</i>
The Cottage Hpl., Wantage, Berks	Wantage 29	A. L. Fullalove Miss E. J. Pounder	19	2								21	2	<i>n</i>
Burford Cottage Hpl., Sheep Street, Burford, Oxon.	Burford 2129	Miss M. Westwood Miss A. M. Morris	9									9	1	<i>n</i>
Didcot and District Hpl., Wantage Road, Didcot, Berks	Didcot 3226	L. S. Brayshaw Miss M. E. Jones	12									12		<i>n</i>
Faringdon Cottage Hpl., Coxwell Road, Faringdon, Berks	Faringdon 2119	Miss I. D. Lawrence Miss G. M. Taylor												<i>Only used as an out- patient clinic</i>
The Cottage Hpl., Fairford, Glos.	Fairford 12	E. C. Young Miss S. M. Petch	9									9		
Victoria Cottage Hpl., East Street, Thame, Oxon	Thame 27	The Rev. W. Richardson Miss W. A. L. Bedding	21									21		<i>m, n, u</i>
The Downs Hpl., Newbury Road, Wantage, Berks	Wantage 56	Admin. Officer and Matron: (Vacant)			42							42		<i>n</i>
Abingdon Joint Isolation Hpl., Marcham Road, Abingdon, Berks	Abingdon 52	N. B. Challenor Miss E. V. E. Ansdell				78	20					98		<i>n</i>
Watlington and District Hpl., Hill Road, Watlington, Oxon	Watlington 35	Admin. Officer: (Vacant) Miss L. M. Middlemas	2	4						12	2	20	2	
TOTAL BED COMPLEMENT			102	9	42	78	20			12	2	265	7	

15. Wingfield Morris Orthopaedic Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Orthopaedic Clinic, 20, Church Green, Witney, Oxon		Miss B. M. Young (Hon. Sec.)												
Orthopaedic Clinic, Town Hall, Buckingham		Miss G. M. M. Clayton (Hon. Sec.)												
Orthopaedic Clinic, Wolverton Road, Newport Pagnell, Bucks		Miss E. Savory (Hon. Sec.)												
Orthopaedic Clinic, Memorial Hpl., Wallingford, Berks		Mrs. D. W. Wells (Hon. Sec.)												
Orthopaedic Clinic, Wantage Cottage Hpl., Wantage, Berks		Miss K. M. Hinde (Hon. Sec.)												
Orthopaedic Clinic, Warren Hpl., Abingdon, Berks		Mrs. M. Fisher (Hon. Sec.)												
Orthopaedic Clinic, Denmark Street, Wokingham, Berks		Miss E. Ward (Hon. Sec.)												
Orthopaedic Clinic, The Hospital, Chipping Norton, Berks		Mrs. John Chamberlayne (Hon. Sec.)												
TOTAL BED COMPLEMENT			158									28	186	

SOUTH-WESTERN REGION

Area : The administrative counties of Cornwall, Devon, Gloucester, Somerset and Wilts. (except the parts included in the South-West Metropolitan Regional Hospital Area and the Oxford Regional Hospital Area). The Isles of Scilly. The county boroughs of Bath, Bristol, Exeter, Gloucester and Plymouth

So much of the administrative county of Dorset as comprises the borough of Lyme Regis.

Population : 2,734,992.

Regional Hospital Board

Address : 5-6, Cotham Lawn Road, Cotham, Bristol 6

Telephone : Bristol 38721

Chairman of Board : H. G. Tanner, J.P. (b)

Other Members : (a) A. L. Candler, N. L. Capener, R. E. Hemphill, S. McClements, Alderman J. J. Milton, J.P., C. Rew, A. C. Riddick, Miss R. C. Shackles, The Very Rev. Garfield Williams, C.B.E. (one vacancy); (b) C. T. Andrews, A. C. Bowden, W. J. Carter, Mrs. K. A. Goddard, J.P., Sir Philip Morris, C.B.E., Brigadier J. Morrison, M.B.E., W. Niccol, P. E. Russell, Colonel H. B. Stokes, M.B.E.; (c) Miss M. F. Awdry, Prof. R. J. Brocklehurst, C. J. Fuller, G. G. Gilmour-White, O.B.E., J.P., S. C. Morland, Mrs. J. Marshall, Alderman H. G. Mason, J.P., Prof. R. M. Walker, Mrs. M. F. Williams.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

M. O. CARTER, C.I.E., M.C., F.H.A.

Assistant Secretary :

L. WATERHOUSE, A.H.A., A.C.A.

Treasurer :

H. H. WHITE, A.H.A., F.C.C.S., A.I.C.A., F.B.A.A.

Architect :

K. W. F. HARRIS, F.R.I.B.A.

Senior Executive Officer :

I. R. BUCKLEY, D.P.A.

Senior Admin. Medical Officer :

G. C. KELLY, M.C., B.SC., M.D., D.P.H.

Assistant Senior Admin. Medical Officer :

J. S. WESTWATER, M.D., D.P.H.

Assistant Admin. Medical Officer :

T. PARR, M.D.(ED.), D.P.M.

Nursing Officer :

MISS H. L. ADAMS, S.R.N.

Devon and Cornwall Regional Committee :

5, Windsor Villas, Lockyer Street, Plymouth

Area : The Counties of Devon and Cornwall, the Scilly Isles and Lyme Regis in Dorset

Chairman : C. P. BROWN, J.P.

Principal Non-Medical Admin. Officer : L. WATERHOUSE, A.C.A.

Principal Medical Officer : J. S. WESTWATER, M.D., D.P.H.

Teaching Hospital within Region : The United Bristol Hospitals

SOUTH WESTERN REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Southmead Hospital Management Committee

Secretary: C. C. HANCOCK, D.P.A., F.H.A.,
11, Upper Belgrave Road, Clifton, Bristol 8.
Tel.: Bristol 38926

Finance Officer: W. J. DARBY, A.H.A., A.C.A.,
11, Upper Belgrave Road, Clifton, Bristol, 8.

Chairman: Alderman J. J. MILTON, J.P.,
The Gables, 213, Kingsway, St. George, Bristol.
Engineer: W. L. WILLIAMS, A.M.I.E.E.,
11, Upper Belgrave Road, Clifton, Bristol, 8.
Tel.: Bristol 66021

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Southmead Hpl., Westbury-on-Trym, Bristol.	Bristol 66021	C. C. Hancock D.P.A., F.H.A. Miss E. H. Webber S.R.N., S.C.M.	324	133 20			66					523 20		a, l, o, t, u
Wendover County Maternity Home, Downend Road, Downend, Bristol.	Bristol 54852	C. C. Hancock D.P.A., F.H.A. Miss M. S. H. Jerrom S.R.N.		12								12		
Berkeley Cottage Hpl., Berkeley, Glos.	Berkeley 38	C. C. Hancock, D.P.A., F.H.A. Miss M. L. Hayes, S.R.N., S.C.M.	12	7							5	24		u
Thornbury Inf., Thornbury, Glos.	Thornbury 2218	S. Davies Mrs. E. M. Davies	3	4	112							119		m, n
Walker Dunbar Hpl., Clifton Down Road, Clifton Down, Bristol.	Bristol 36448	C. C. Hancock, D.P.A., F.H.A. Miss F. E. Burrows, S.R.N., S.C.M.	25 2								3	25 5		
Bristol Eye Dispensary, 17, Orchard Street, Bristol, 1.	Bristol 25581	C. C. Hancock, D.P.A., F.H.A. Mrs. K. Plenty										4		u
Clevedon Cottage Hpl., Old Street, Clevedon, Somerset	Clevedon 112	C. C. Hancock, D.P.A., F.H.A. Mrs. M. Camp, S.R.N.	15								6	21		
Snowdon Hpl., Small Lane, Fishponds, Bristol, 5.	Bristol 53294	R. J. Bennett Dr. P. Phillips, M.Sc., M.D. (Med. Supt.) Miss N. Sidebotham, S.R.N.			294							294		
Almondsbury Memorial Hpl., Almondsbury, Glos.	Almondsbury 3104	C. C. Hancock, D.P.A., F.H.A. Miss E. M. James, S.R.N., S.C.M., [S.R.F.N.]	14	6								20		u
Mortimer House Maternity Home, Clifton Down Road, Clifton, Bristol, 8.	Bristol 33802	C. C. Hancock, D.P.A., F.H.A. P. Phillips, M.Sc., M.D. (Med. Supt.) Miss F. Rundle, S.R.N., S.C.M.		35								35		p
TOTAL BED COMPLEMENT			397 2	197 20	406		66				11 3	1,077 25		

2. Cossham and Frenchay Hospital Management Committee

Secretary: E. R. Clark,
c/o Frenchay Hpl.

Finance Officer: W. J. DABBY, A.H.A., A.C.A.,
11, Upper Belgrave Road, Clifton, Bristol 8.
Tel.: Bristol 38926

Chairman: A. J. WRIGHT,
Harley Cottage, Clifton Down, Bristol 8.

Supplies Officer: F. H. WOOLCOTT,
c/o Frenchay Hpl.

Engineer: (vacant)

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Cossham Memorial Hpl., Kingswood, Bristol.	Kingswood 73021	Miss M. E. Piper (Matron)	101												a, l n, u
Cottage Hpl. (1), Hambrook, Nr. Bristol.	Frenchay 6	Miss M. O'Doherty (Matron)	7	4										11	
Frenchay Hpl.(1) Frenchay, Bristol.	Bristol 54294	J. Sage, A.H.A. Dr. W. L. Broadfoot (Med. Supt.) Miss O. E. Seller	190		16		16				138*			360	n, t, u. *60 Conva- lescent, 78 nursery children (temp.)
V.D. Clinic, Avonmouth, Nr. Bristol.	Avonmouth 429	Dr. A. E. W. MacLachlan (Med. Supt.)													u
V.D. Clinic, 51, Upper Maudlin Street, Bristol.	Bristol 23359	Dr. W. L. Broadfoot (Med. Supt.) Mrs. A. R. F. Templeman					106							106	c, n
Frenchay Park Sanatorium, Frenchay, Bristol.	Bristol 54225	J. Sage, A.H.A. Miss A. L. Bevan	6	6										12	
Chipping Sodbury War Memorial Hpl. (1), Chipping Sodbury, Nr. Bristol.	Chipping Sodbury 2333	TOTAL BED COMPLEMENT	304	10	16		122				138			590	

SUB-GROUPING

(1) Frenchay Hpl. Sub-Group... Senior Administrative Officer:— E. R. CLARK, Frenchay Hpl.

2. Cossham and Frenchay Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
"Ridgewood," Chipping Sodbury, Nr. Bristol	Chipping Sodbury 3348	Gloucestershire County Council	55

3. Bristol Homoeopathic Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
Colonel H. HUNTER, F.H.A.,
c/o Homoeopathic Hpl.

Chairman: J. L. MILLIGAN,
6, Prince's Buildings, Clifton, Bristol 8.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
British Homoeopathic Hpl., Bristol, 6.	Bristol 33068/9	Colonel H. Hunter, F.H.A. Miss N. A. Hardy	83								19	102		a, l, m, u, v
			83									19	102	
		TOTAL BED COMPLEMENT	83											

4. Ham Green Hospital Management Committee

Secretary and Supplies Officer: W. E. LLEWELLYN,
c/o Ham Green Hpl.

Chairman: Alderman H. EVANS,
3, College Fields, Bristol 8.

Finance Officer: W. J. DARBY, A.H.A., A.C.A.,
11, Upper Belgrave Road, Clifton, Bristol
Tel.: Bristol 38296

Engineer: A. PAYNE,
c/o Ham Green Isolation Hpl.

Ham Green Isolation Hpl. and Sanatorium, Ham Green, Pill, Bristol	Bristol 31165	W. E. Llewellyn (Med. Supt.) J. Macrae Miss D. James				126 190	164 20					290 210		j, l, n
Charterhouse Hpl., Blagdon, Somerset	Blagdon 223	W. E. Llewellyn (Med. Supt.) J. Macrae Miss James				60	45					45 60		n
		TOTAL BED COMPLEMENT				126 250	209 20					335 270		

5. Winford Orthopaedic Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
E. N. ROPER, A.H.A.,
c/o Winford Orthopaedic Hpl.

Chairman: J. R. SCULL, J.P.,
Manor Farm, West Town, Nr. Bristol, Glos.

Engineer: T. G. SALTER,
c/o Winford Orthopaedic Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Winford Orthopaedic Hpl., Nr. Bristol.	Lulsgate 288/9	E. N. Roper, A.H.A. Miss N. N. Wood	212 34									212 34		c, l, n, t
	Chew Magna 214	Miss N. N. Wood (Matron)							20*			20		*Convalescent
TOTAL BED COMPLEMENT			212 34						20			232 34		

6. Stapleton Hospital Management Committee

Secretary and Supplies Officer: D. PEARSON,
Stapleton Hpl.

Chairman: Alderman G. G. ADAMS,
52, Cherington Road, Henleaze, Bristol.

Finance Officer: A. BRADLEY, A.I.M.T.A.,
Stapleton Hpl. Tel.: Fishponds 55231

Engineer: J. HOUGHTON,
Stapleton Hpl.

Stapleton Hpl., 200, Manor Road, Fishponds, Bristol	Fishponds 54233	D. Pearson Mrs. G. Pearson, S.R.N., S.C.M.			775			200				975		m, n, r, x, y, z
TOTAL BED COMPLEMENT					775			200				975		

7. Bristol Mental Hospital Management Committee

Secretary: J. L. DAVIS, A.H.A., F.C.I.S.,
c/o Bristol Mental Hpl.

Chairman: Alderman A. W. S. BURGESS,
60, Berkeley Road, Fishponds, Bristol.

Finance Officer: A. BRADLEY, A.H.A., F.I.M.T.A.,
Stapleton Hpl., Manor Road,
Tel.: Fishponds 55231

Engineer: H. A. ADAMS, M.I.M.A.R.E., M.I.B.E.,
Bristol Mental Hpl.

Bristol Mental Hpl., Fishponds, Bristol.	Fishponds 53285	J. L. Davis, A.H.A., F.C.I.S. R. E. Hemphill, M.A., M.D. (Med. Supt.) Miss M. T. Lyons, S.R.N., S.C.M., S.R.M.N.						1,179				1,179		f, m, n, u, v, w
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7. Bristol Mental Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Barrow Gurney Hpl., Barrow Gurney, Nr. Bristol.	Long Ashton 3162	J. L. Davis, A.H.A., F.C.I.S. R. E. Hemphill, M.A., M.D. (Med. Supt.) Miss M. T. Lyons, S.R.N., S.C.M., S.R.M.N.						254 97				254 97		m, n, u, v, w
							40					40		
Mental Hpl. Clinic, 12, Grove Road, Redland, Bristol.	Bristol 34401	J. L. Davis, A.H.A., F.C.I.S. R. E. Hemphill, M.A., M.D. (Med. Supt.) Miss M. T. Lyons, S.R.N., S.C.M., S.R.M.N.												
		TOTAL BED COMPLEMENT											1,473 97	

8. The Hortham-Brentry Hospital Management Committee

Secretary: J. FELLOWS, F.H.A.,
11, Regent Street, Clifton, Bristol, 8
Tel.: Bristol 38917/8

Finance Officer: A. BRADLEY, A.H.A., F.I.M.T.A.,
Stapleton Institution, 200, Manor Road, Fishponds,
Bristol.
Tel.: Bristol 55231

Chairman: Professor J. A. NIXON,
7, Lansdown Place, Clifton, Bristol, 8

Asst Supplies Officer: J. A. C. EMARY,
11, Regent Street, Clifton, Bristol, 8.

Hospitals Engineer: C. STEPHENS,
Hortham Colony

Hortham Colony Hpl., Almondsbury, Nr. Bristol.	Almondsbury 3287	Dr. J. F. Lyons (Med. Supt.) Miss M. E. Hogarth							692			692		g, l, m, n, x
Chasefield Laundry Hpl., 888, Fishponds Road, Fishponds, Bristol.	Bristol 53750	Mrs. I. G. Bowd (Matron)							29			29		x
Royal Fort Home, 1 and 2, Hillside, Cotham, Bristol.	Bristol 35784	Miss E. M. Coles (Matron)							33			33		x
St. Mary's Home, Painswick, Nr. Stroud, Glos.	Painswick 2341	Miss E. Pearson (Matron)							32			32		x
House of Help Hpl., 112, Walcot Street, Bath, Somerset	Bath 4059	Mrs. A. M. Hodson (Matron)							59			59		x

8. The Hortham-Brentry Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Old Rectory Hpl., Bathwick Hill, Bath, Somerset	Bath 3834	Miss T. Heele (Matron)						18				18		x
	Combe Down 3315	Miss L. S. A. Davison (Matron)						51				51		x
Brentry Colony Hpl., Westbury-on-Trym, Bristol.	Bristol 66016	Dr. J. J. Mason (Med. Supt.)						431				431		x
	TOTAL BED COMPLEMENT							1,345				1,345		

9. Stoke Park Colony Hospital Management Committee

Secretary and Supplies Officer: C. H. BULLIMORE, F.H.A.,
25, Albert Road, Clevedon, Somerset
Tel.: Clevedon 59

Finance Officer: H. B. Hole, A.H.A.,
25, Albert Road, Clevedon, Somerset

Chairman: Dr. C. Visger, O.B.E.,
Beachcroft, Clevedon, Somerset

Engineer: W. CLARKE,
Stoke Park Colony

Stoke Park Colony, Stapleton, Bristol.	Fishponds 54201 53305	C. H. Bullimore, F.H.A. Dr. R. M. Norman (Med. Supt.) Miss F. A. Parneutt							750			750		f, l, n, x
Leigh Court Hpl., Abbots Leigh, Somerset	Pill 31109	C. H. Bullimore, F.H.A. Dr. R. M. Norman (Med. Supt.) Miss E. D. Evans							250 10			250 10		n, x
Anchor Lodge Hostel, 8-10, Idlesleigh Road, Durdham Down, Bristol, 6.	Bristol 37815	C. H. Bullimore, F.H.A. Dr. R. M. Norman (Med. Supt.) Miss M. Pearson (Supervisor)							30			30		n, x
Hanham Hall, Hanham, Bristol.	Kingswood 73551	C. H. Bullimore, F.H.A. Dr. R. M. Norman (Med. Supt.) Miss E. M. Stewart							240			240		n, x
Stapleton Park Colony, Stapleton, Bristol	Fishponds 53271	C. H. Bullimore, F.H.A. Dr. R. M. Norman (Med. Supt.) J. W. Hill (Chief Male Nurse)							651			651		l, n, x
TOTAL BED COMPLEMENT									1,921 10			1,921 10		

10. Cheltenham Hospital Group Management Committee

Secretary: S. T. DAVIS, A.H.A.,
c/o Cheltenham General Hpl.

Finance Officer: C. MONTACUTE, A.I.M.T.A., D.P.A.,
St. Paul's Hpl.

Chairman: G. G. GILMOUR WHITE, O.B.E., J.P.,
Hammerton House, North Cerney, Cirencester, Glos.

Supplies Officer: W. A. ELLIOTT,
Cheltenham General Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Victoria Maternity Hpl., St. James Square, Cheltenham, Glos.	Cheltenham 2464	Miss E. M. Lucas (Matron)		8									8		
St. Paul's Hpl., Swindon Road, Cheltenham, Glos.	Cheltenham 2058	F. Reynolds, A.H.A. Mrs. E. A. Reynolds	12	11	173			34					230		m, n, y
Salterley Grange Sanatorium, Leckhampton, Cheltenham, Glos.	Cheltenham 52610	Dr. D. C. Waddy (Med. Supt.) Miss M. Ross					78						78		
Tewkesbury Hpl., Barton Road, Tewkesbury, Glos.	Tewkesbury 3303	Miss G. Morgans Miss M. L. Ford	22										22		u, v
Holm Hpl., Gloucester Road, Tewkesbury, Glos.	Tewkesbury 2128	E. W. Warren Mrs. B. M. Warren			35			8					43		m, n, y
Tewkesbury Isolation Hpl., Tredington Street, Tewkesbury, Glos.	Tewkesbury 2201	Miss A. R. Goodsell (Matron)				28							28		
Cheltenham General Eye and Children's Sandford Road, Cheltenham, Glos.	Cheltenham 2016	S. T. Davis, A.H.A. Miss C. M. Dickie	155									8 12	163 12		a, l, u, v
Children's Department, Harp Hill, Battledown, Cheltenham, Glos.	Cheltenham 2498		48										48		
Sunnyside Maternity Hpl., Pittville Circus Road, Cheltenham, Glos.	Cheltenham 5854	Miss R. Leedham (Matron)		68									68		l, m, n, o
Delancey Fever Hpl., Charlton Lane, Cheltenham, Glos.	Cheltenham 2447	Miss J. Knox Thomas (Matron)				76							76		

10. Cheltenham Hospital Group Management Committee—Conti.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Long Hill Smallpox Hpl., Longhill, Nr. Cheltenham, Glos.	Winchcombe 41	Miss J. Knox Thomas (Matron)				12						12		
		Miss M. Carruthers (Matron)	12									12		
TOTAL BED COMPLEMENT			249	87	208	116	78	42			8 12	788 12		

11. The Gloucester, Stroud and Forest Hospital Management Committee

Secretary: C. J. ADAMS, F.H.A., F.C.C.S.,
c/o Gloucester Royal Inf.

Finance Officer: C. MONTACUTE, A.H.A., A.I.M.T.A., D.P.A.,
St. Paul's Hpl., Swindon Road, Cheltenham (temp.)
Tel.: Cheltenham 2059

Chairman: Col. H. A. GUY, O.B.E.,
Northfield, Nuclecote, Glos.

Supplies Officer: C. G. HODGES,
Gloucester Royal Inf.

Engineer: R. L. HANKS,
Gloucester Royal Inf.

Gloucester Royal Inf. and Eye Inst., Southgate Street, Gloucester	Gloucester 21021	C. J. Adams, F.H.A., F.C.C.S. Miss E. Fensome	250									250	22	a, l, m, n, r, t, u, v
Gloucester City General Hpl., Great Western Road, Gloucester	Gloucester 25061	N. L. V. Smart, A.H.A. Dr. R. M. Humphreys (Med. Supt.) Miss E. Fensome	363	22	64							449	9	a, d, l, m, n, t
City Isolation Hpl., Over, Gloucester	Gloucester 22498	Dr. C. Cookson (Med. Supt.) Miss F. Baldwin				86						86		j, l, m, n
Fluck Convalescent Home, Longford, Gloucester	Gloucester 23120													Not in use
Dilke Memorial Hpl., Cinderford, Glos.	Cinderford 3176	G. T. Barter Miss A. E. McNeill	29	7								36	2	m, n, u
The Wilderness Hpl., Mitcheldean, Glos.	Drybrook 240	Miss Z. Thomas (Matron)				30						30		m, n
Lydney and District Hpl., Lydney, Glos.	Lydney 39	F. W. Wild Miss A. M. Bawden	27	5								32	2	m, n
Alvington Isolation Hpl., Nr. Lydney, Glos.	Lydney 102	Miss C. M. Arscott (Matron)				16						16		m, n
Stroud General Hpl., Stroud, Glos.	Stroud 683	Capt. C. Ford Spencer Miss A. Taylor	52			1						53	6	l, m, n, u

11. The Gloucester, Stroud and Forest Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Cashes Green Isolation Hpl., Nr. Stroud, Glos.	Stroud 18	Miss M. Phillips (Matron)				56						56		m, n
Tetbury and District Hpl., Tetbury, Glos.	Tetbury 36	Miss A. McGuire (Matron)	16									16		m, n
Cotswold Maternity Home, Tetbury, Glos.	Tetbury 75			16								16		m, n
TOTAL BED COMPLEMENT			737	50	64	189						1,040	41	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Dean Hall, Westbury-on-Severn, Glos.		Gloucestershire County Council	63
Chipman's House, Eastington, Glos.		Gloucestershire County Council	27

12. Standish House Hospital Management Committee

Secretary: A. BRINSFORD,
Standish House

Chairman: R. DOBSON,
Spring Hill House, Nailsworth, Glos.

Supplies Officer: A. BRINSFORD,
Standish House

Finance Officer: C. MONTACUTE, A.H.A., A.I.M.T.A., D.P.A.,
St. Paul's Hpl., Swindon Road, Cheltenham, Glos. (temp.)

Engineer: B. WALKER,
Standish House

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Standish House Sanatorium, Stonehouse, Glos.	Stonehouse 176	A. Brinsford F. H. Woolley, M.R.C.S., L.R.C.P. (Med. Supt.) Miss M. Phillips, S.R.N., R.F.N., S.C.M.					278						278		l, m, n, u

12. Standish House Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Edgeworth Manor, Miserden, Stroud, Glos.	Miserden 60	A. Brinsford F. H. Woolley, M.R.C.S., L.R.C.P., (Med. Supt.) Miss M. Phillips, S.R.N., R.F.N., S.C.M.							12*			12		*Convalescent
Cashes Green Hpl., Nr. Stroud, Glos.	Stroud 18	A. Brinsford F. H. Woolley, M.R.C.S., L.R.C.P., (Med. Supt.) Miss M. Phillips, S.R.N., R.F.N., S.C.M.					12					12		"
		TOTAL BED COMPLEMENT					290					12		302

13. Horton Road and Coney Hill Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
P. W. GRANT, F.H.A., A.R.SAN.I.,
Horton Road Hpl.

Chairman: J. P. TERRY, J.P.,
Highnam, Glos.

Engineer: W. F. HOPKINS,
c/o Horton Road Hpl.

Horton Road Hpl., Horton Road, Gloucester	Gloucester 20324	P. W. Grant, F.H.A., A.R.SAN.I. F. C. Logan, M.B., CH.B.(GLAS.), F.R.F.P.S. (GLAS.) (Med. Supt.) Miss W. M. Toms, S.R.N., R.M.P.C.						708				708		f, l, m, n, u, v, w, z
Coney Hill Hpl., Coney Hill, Gloucester	Gloucester 66203	P. W. Grant, F.H.A., A.R.SAN.I. F. C. Logan, M.B., CH.B.(GLAS.), F.R.F.P.S. (GLAS.) (Med. Supt.) Miss B. J. Brady, S.R.N., R.M.P.C., C.M.B.						681				681		f, l, n, u, v, w, z
		TOTAL BED COMPLEMENT						1,389				1,389		

14. West Wilts. Hospital Management Committee

Secretary: J. E. MORGAN, A.H.A.,
Trowbridge Isolation Hpl.
Tel.: Trowbridge 2826

Chairman: Major Sir HUBERT YOUNG, K.C.M.G., D.S.O.,
South Wraaxall Lodge, Bradford-on-Avon, Wilts.

Finance Officer: E. G. SMALLWOOD, A.H.A.,
Trowbridge Isolation Hpl.
Tel.: Trowbridge 2826

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Trowbridge and District Hpl., Trowbridge, Wilts.	Trowbridge 2158	G. H. Brown Miss C. I. Coward	35	12							2	49	4	u, v
Trowbridge and District Isolation Hpl., Bradley Road, Trowbridge, Wilts.	Trowbridge 2782	Miss D. Hayward (Matron)				42						42		
The Lodge, Semington, Nr. Trowbridge, Wilts.	Keovil 331	G. F. Dicey Miss J. D. Dicey			82				76	52*		210		n, z, y. * Part III accommodation
Bradford-on-Avon District Hpl., Bradford-on-Avon, Wilts.	Bradford-on- Avon 3272	Miss B. Hall (Matron)	22								2	24	2	u
Berryfield Maternity Hpl., Bradford-on-Avon, Wilts.	Bradford-on- Avon 2368	Miss M. Newham (Acting Matron)		35								35		p, u
Westbury and District Hpl., Westbury, Wilts.	Westbury 36	Miss F. M. Beckett (Matron)	17								3	20		u
Prideaux Hpl., Westbury, Wilts.	Westbury 89	Miss E. F. Seaton (Matron)	5	1								6		u
Warminster Hpl., Warminster, Wilts.	Warminster 76	Miss N. W. Adcock, R.R.C. (Matron)	29								1	30	2	n, u
Sambourne Inf., Warminster, Wilts.	Warminster 217	J. J. Marshall Mrs. S. Marshall			95					41*		136		n
Beckford Orthopaedic Hpl., Warminster, Wilts.	Warminster 89	Miss N. W. Adcock, R.R.C. (Matron)	32									32		n
Melksham Hpl., Spa Road, Melksham, Wilts.	Melksham 244	Miss E. M. Tranter (Matron)	37								5	42		aa, l, m, u
TOTAL BED COMPLEMENT			177	48	177	42			76	93	13	626	8	

SUB-GROUPING

(1) Warminster Sub-Group Senior Administrative Officer:—J. E. MORGAN, Trowbridge Isolation Hpl.

15. Mid-Wilts. Hospital Management Committee

Secretary, Miss R. E. Maddox, F.H.A.,
St. Andrew's Hpl.
Tel.: Chippenham 2895/6

Chairman: Col. R. W. Awdry, C.B.E.,
Eastercroft House, Devizes, Wilts.

Finance Officer: Walter Dobson, A.H.A.,
c/o St. Andrews Hpl.
Tel.: Chippenham 2895/6

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Devizes and District Hpl., Devizes, Wilts.	Devizes 511/2	Miss R. E. Maddox, F.H.A. Miss D. E. Burton, S.R.N.	50								8	58		c, l, m, u, v
	Devizes 117	C. H. Yeates Miss J. Caird-Low				40						40		
St. James Hpl., Devizes, Wilts.	Devizes 75	D. Craig Howell Mrs. D. Craig Howell, S.R.N.			109				51	39		199		m, x, y
Chippenham and District Hpl., London Road, Chippenham, Wilts.	Chippenham 2831	T. Hunter Miss I. Bennett, S.R.N.	32								3	35		m, u
St. Andrews Hpl., Rowden Hill, Chippenham, Wilts.	Chippenham 2063	C. W. Hodgkinson Mrs. C. W. Hodgkinson			151					58		209		m
Chippenham Isolation Hpl., Chippenham, Wilts.	Chippenham 2118	Miss J. B. Dickie, S.R.N. (Matron)				46						46		m, u
Greenways Maternity Home, Chippenham, Wilts.				16								16		
Corsham Maternity Hpl., High Street, Corsham, Wilts.	Corsham 2230	Miss I. Green, S.R.N. (Matron)		13								13		
Malmesbury and District Hpl., Burton Hill, Malmesbury, Wilts.	Malmesbury 3248	Miss J. Eattell Miss F. Croom, S.R.N.	19	5							5	29		m, u
TOTAL BED COMPLEMENT			101	18 16	260	86			51	97	16	629 16		

17. Bath Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Bath Ear, Nose and Throat Hpl., 27, Marlborough Buildings, Bath, Somerset	Bath 3892	R. J. Wilkins Miss G. E. Blanchard	30									30		" , u
Royal National Hpl. for Rheumatic Upper Borough Walls, [Diseases, Bath, Somerset	Bath 5038	H. Bond, B.A.(CANTAB.), F.R.S.S., A.H.A. Miss M. L. Bastable	123									123		"
City Isolation Hpl., Claverton Down, Bath, Somerset	Combe Down 3278	W. Hemer, F.H.A., F.C.C.S. Miss E. M. Coward			79							79		"
Winsley Sanatorium, Winsley, Nr. Bath, Somerset	Limpley Stoke 3218	T. A. W. Carlisle, A.H.A., A.C.I.S. A. J. P. Alexander (Med. Supt.) Miss G. E. Jelly				135						135		"
St. Martin's Hpl., Midford Road, Combe Down, Bath, Somerset	Combe Down 3303	W. Hemer, F.H.A., F.C.C.S. F. Kohn (Med. Supt.) Miss W. E. Ponter	359	50	131		8		99			647		" , x , y , z
TOTAL BED COMPLEMENT			961 146	79	131 24	79	143	21	99		72	1,585 170		

18. Taunton Hospital Management Committee

Chairman: Alderman A. J. West, J.P.,
31, High Street, Taunton, Somerset

Secretary: R. F. Lovett, A.H.A.,
Taunton and Somerset Hpl.

Taunton and Somerset Hpl., East Reach, Taunton, Somerset	Taunton 2633	P. E. T. Taylor, A.H.A., Miss M. V. Thompson	141	10								151		a, l, n, t, u, v
Musgrove Park Hpl., Taunton, Somerset	Taunton 3662		40	32			22					94		n, u, v
Taunton and District Joint Infectious Diseases Hpl., Cheddon Road, Taunton, Somerset	Taunton 2396	Dr. Hugh Morrison (Med. Supt.) Miss E. M. Mossman				63	21					84		n
Taunton Municipal Maternity Hpl., Canon Street, Taunton, Somerset	Taunton 2831	Miss D. E. Povey (Med. Supt.)		10								10		u

Finance Officer: R. J. Hulbert, A.H.A., A.S.A.A., A.I.M.T.A.,
[A.C.I.S.,
Musgrove Park Hpl.

18. Taunton Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Wellington and District Cottage Hpl., Wellington, Somerset	Wellington 63	Miss G. M. Leach (Matron)	18								3	21		"
Chard and District Cottage Hpl., Crewkerne Road, Chard, Somerset	Chard 3268	Miss C. M. Connolly (Matron)	9								1	10		" "
County Sanatorium, Chard, Somerset	Chard 3175	Miss H. M. M. Kelly (Matron)	11				45					56		" "
Quantock Sanatorium, Over Stowey, Bridgwater, Somerset	Nether Stowey 252	V. C. Martyn, M.C., M.R.C.S., L.R.C.P. (Med. Supt.) Miss C. Neal					111					111		"
Braeside Maternity Home, Chard, Somerset	Chard 2234			4								4		"
Holmoor House, Taunton, Somerset	Taunton 3009	T. R. Howells W. J. Collins, M.B., B.CH. (Med. Mrs. T. R. Howells [Supt.])			99							99		"
		TOTAL BED COMPLEMENT	219	56	99	63	199				4	640		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
The Lodge, Wellington, Somerset	Wellington 158	Somerset County Council	33

19. Bridgwater, Minehead and Butleigh Hospital Management Committee

Secretary: W. J. CHORLEY, A.H.A., F.C.C.S.,
c/o Bridgwater Hpl.

Chairman: W. DEACON, C.B.E., M.Sc., J.P.,
5, King Square, Bridgwater, Som.

Finance Officer: R. J. HULBERT, A.S.A.A., A.I.M.T.A., A.C.I.S.,
Musgrove Park Hpl., Taunton, Somerset
Tel.: Taunton 3662

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Bridgwater and District General Hpl., Salmon Parade, Bridgwater, Somerset	Bridgwater 2207	W. J. Chorley, A.H.A., F.C.C.S. Miss B. Dakin	64	2							6	72		b, l, n, u
Mary Stanley Maternity Home, Castle Street, Bridgwater, Somerset	Bridgwater 2171	W. J. Chorley, A.H.A., F.C.C.S Miss L. M. Phillips		25								25		l, n
Butleigh Cottage Hpl. Nr. Glastonbury Somerset	Baltonsborough 237	W. J. Chorley A.H.A., F.C.C.S. Miss E. H. Hughes	7	8							6	21		n, u
Minehead and West Somerset Hpl. Minehead, Somerset	Minehead 777	Miss J. W. Perry Miss E. D. Gray	42	6							10	58		n, u
Williton and District Hpl., Williton, Somerset	Williton 30	J. Morton Mrs. J. Morton			62							62		n, y
TOTAL BED COMPLEMENT			113	41	62						22	238		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Northgate Lodge, Brigidwater, Somerset	Bridgwater 2070	Somerset County Council	60

20. North-East Somerset Hospital Management Committee

Secretary and Supplies Officer: D. B. COOPER, A.H.A.,
Paulton, Bristol
Tel.: Midsomer Norton 316

Chairman: H. M. SCOTT,
Brylton, Vallis Way, Frome, Somerset

Finance Officer: (vacant)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Wells and District Hpl., Bath Road, Wells, Somerset	Wells 54	D. B. Cooper, A.H.A. Miss M. M. Johnstone	30	9							1	40	4	n
Frome Victoria Hpl., Park Road, Frome, Somerset	Frome 2728	D. B. Cooper, A.H.A. Miss K. E. Organ, A.R.R.C.	32	10							3	45	3	n, u, v
Paulton Memorial Hpl., Paulton, Bristol, Somerset	Midsomer Norton 18	D. B. Cooper, A.H.A. Miss E. K. Pike	26								5	31		n, u
Paulton Joint Isolation Hpl., Paulton, Bristol, Somerset	Midsomer Norton 107	D. B. Cooper, A.H.A. Dr. K. E. Lane (Med. Supt.) Matron: (vacant)				20 6						20 6		
Shepton Mallet District Hpl. Princes Road, Shepton Mallet, Somerset	Shepton Mallet 26	D. B. Cooper, A.H.A. Miss B. George Davies	25								2	27	2	n, u
Shepton Mallet Joint Isolation Hpl., Shepton Mallet, Somerset	Shepton Mallet 15	D. B. Cooper, A.H.A. Dr. T. E. Coulson (Med. Supt.) Miss G. Draper				52						52		n
Keynsham Inf., Keynsham, Bristol, Somerset	Keynsham 2225	N. Woolcott Dr. C. C. Harrison (Med. Supt.) Mrs. V. M. Woolcott		5	61 40							66 40		n, y
Glastonbury Road Hpl., Wells, Somerset	Wells 64	A. G. Hubbard Dr. A. W. Woolley (Med. Supt.) Mrs. E. A. Norgrove			80							80		n, y
TOTAL BED COMPLEMENT			113	24	141 40	72 6					11	361 46	9	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Clutton Inf., Clutton, Bristol, Somerset	Temple Cloud 260	Somerset County Council	60

21. Weston-super-Mare Hospital Management Committee

Secretary: LEWIS B. HULL,
Royal West of England Sanatorium

Chairman: P. E. RUSSELL,
Leycroft, Clarence Road North, Weston-super-Mare, Somerset

Finance Officer: W. B. CUSHNIE,
Royal West of England Sanatorium

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Weston-super-Mare General Hpl., Boulevard, Weston-super-Mare, Somerset	Weston-super-Mare 1138	Lewis B. Hull, F.H.A. Miss F. Ibbetson	94	6									100		b, l, m, n, u, v
Weston-super-Mare Isolation Hpl., Drove Road, Weston-super-Mare, Somerset	Weston-super-Mare 69	Lewis B. Hull, F.H.A. Miss W. Davis				40							40		n
Royal West of England Sanatorium, Uphill Road, Weston-super-Mare, Somerset	Weston-super-Mare 6351-3	Lewis B. Hull, F.H.A. Miss M. J. Davies									150*		150		n. *Convalescent
Burnham-on-Sea Memorial Hpl., Love Lane, Burnham-on-Sea, Somerset	Burnham 62	Lewis B. Hull, F.H.A. Miss E. Haworth	23									5	28		n
Axbridge Isolation Hpl., Axbridge, Somerset	Axbridge 282	Lewis B. Hull, F.H.A. Miss P. Haines				39							39		n
Compton Bishop Children's Hpl., Compton Bishop, Nr. Axbridge, Somerset	Axbridge 371	Lewis B. Hull, F.H.A. Miss V. A. Gunton											33	33*	
Ilex Lodge Hpl., Axbridge, Somerset	Axbridge-247	F. Maunder Mrs. P. Maunder			76								76		n, y
Ashcombe House Maternity Hpl., The Drive, Milton Road, Weston-super-Mare, Somerset	Weston-super-Mare 2727	Lewis B. Hull, F.H.A. Miss I. M. Govier		19									19		n
TOTAL BED COMPLEMENT			117	25	76	79					183	5	485		

22. South Somerset Hospital Management Committee

Secretary: I. L.L. HARDING, A.H.A., F.S.C.,
"Convamore," 71, Higher Kingston, Yeovil, Somerset
Tel.: Yeovil 1428

Chairman: W. E. PALMER,
Tyndale, Preston Road, Yeovil, Somerset

Finance Officer: A. E. R. HODGES, A.H.A.,
"Convamore," 71, Higher Kingston, Yeovil, Somerset

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Yeovil and District Hpl., Higher Kingston Yeovil, Somerset	Yeovil 41	I. L.L. Harding, A.H.A., F.S.C. Miss E. M. Mytton	82									82	18	a, l, m, n, u, v
Yeovil Maternity Hpl., Five Cross Ways, Kingston, Yeovil, Somerset	Yeovil 555	I. L.L. Harding, A.H.A., F.S.C. P. P. Fox (Med. Supt.) Miss D. L. Sharpe		16								16		m, n, u
The Hospital, South Petherton, Somerset	South Petherton 333	Miss V. Sullivan P. P. Fox (Med. Supt.) Miss D. Battersby				10 40						10 40		m, n
Wincanton Sanatorium, Wincanton, Somerset	Wincanton 3242	A. H. Roberts Miss F. M. Guyomard					14					14		m, n
Wincanton and East Somerset Memorial Hpl., Balsam Park, Wincanton, Somerset	Wincanton 2287	A. H. Roberts (Part-time) Miss E. Evans	14									14	1	m, n
Merthyr Guest Memorial Hpl., Templecombe, Somerset	Templecombe 224	Mrs. Carter (Hon.) Miss D. Warmington		14								14	5	m, n
Crewkerne Hpl., Middle Path, Crewkerne, Somerset	Crewkerne 73	Mrs. G. Wilson Miss E. Colley	26	5								31	7	m, n, u
Balidon Maternity Home, West Coker Road, Yeovil, Somerset	Yeovil 246	I. L.L. Harding, A.H.A., F.S.C. Med. Supt. and Matron: (n.y.a.)		18								18		
Summerlands Hpl., Preston Road, Yeovil, Somerset	Yeovil 79	I. L.L. Harding, A.H.A., F.S.C. J. E. Morley (Med. Supt.) Mrs. O. M. Caradine			82						48* 10*	130 10		m, n, y. *Part III accommodation
TOTAL BED COMPLEMENT			122	35 18	82	10 40	14				48 10	311 68		

SUB-GROUPING

(1) Yeovil Group Sub-Group Senior Administrative Officer:—I. L.L. HARDING, A.H.A., F.S.C., "Convamore."

22. South Somerset Hospital Management Committee—Cont.

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution		Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Town View Hpl., Wincanton, Somerset		Wincanton 3228	Somerset County Council	56

23. Sandhill Park Group Hospital Management Committee

Secretary: E. V. ROSE, D.P.A.,
Sandhill Park

Chairman: A. W. VIVIAN NEAL, M.C., D.L.,
Poundisford Park, Taunton, Somerset

Finance Officer: R. J. HULBERT, A.S.A.A., A.I.M.T.A., A.C.I.S.,
Ward 13, Musgrove Park Hpl., Taunton, Somerset
Tel.: Taunton 3662

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P P.	Total	
Sandhill Park, Bishops Lydeard, Nr. Taunton, Somerset	Bishops Lydeard 307	T. A. Danby, T.D., M.B., CH.B., D.P.H. (Med. Supt.) Miss L. M. Salter							62 99					62 99	g, l, n, x
										68 8				68 8	l, n, x
Yatton Hall, Yatton, Nr. Bristol.	Yatton 3122	T. A. Danby, T.D., M.B., CH.B., D.P.H. (Med. Supt.) Miss C. S. Fleming							203					203	l, n, x
										30				30	n, x
Cambridge House, Flax Bourton, Somerset	Flax Bourton 109	T. A. Danby, T.D., M.B., CH.B., D.P.H. (Med. Supt.) J. V. Searle (Supt.)							31					31	n, x
										188				188	l, n, x
The Fort, Milverton, Somerset	Milverton 63	T. A. Danby, T.D., M.B., CH.B., D.P.H. (Med. Supt.) Miss A. Cornaby							203					203	n, z
										582 107				785 107	
The Parsonage, Milverton, Somerset	Milverton 34	T. A. Danby, T.D., M.B., CH.B., D.P.H. (Med. Supt.) Miss A. Cornaby													
West End House, Shepton Mallet, Somerset	Shepton Mallet 62	T. A. Danby, T.D., M.B., CH.B., D.P.H. (Med. Supt.) Miss E. B. Stalker													
Weymouth Hpl., Frome, Somerset	Frome 2754	T. A. Danby, T.D., M.B., CH.B., D.P.H. (Med. Supt.) T. Boyd (Supt.)													
			TOTAL BED COMPLEMENT					203				582 107			785 107

24. Tone Vale Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
J. MILSOM, A.H.A.,
c/o Tone Vale Hpl.

Chairman: E. S. REED,
Rossclare, Minehead, Somerset

Engineer: F. TAYLOR,
c/o Tone Vale Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Tone Vale Hpl., Norton Fitzwarren, Nr. Taunton, Somerset	Bishops Lydeard 375/6	J. Milsom, A.H.A. K. C. Bailey, M.A., M.D., D.P.M. (Med. Supt.) Miss C. M. Nicol, R.G.N., S.C.M., R.M.N.						796			142	938		f l, m, n, v, w
		TOTAL BED COMPLEMENT						796			142	938		

25. Mendip Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
M. L. LOWE, F.H.A.,
Mendip Hpl.

Chairman: E. F. REES-MOGG,
Temple Cloud, Nr. Bristol, Glos.

Engineer: S. BRYANT,
Mendip Hpl.

Mendip Hpl., Wells, Somerset	Wells 11	M. L. Lowe, F.H.A. J. McGorvey, M.B., B.CH., B.A.O., D.P.M. (Med. Supt.) Miss M. C. L. Abbott, S.R.N., S.C.M., [R.M.P.A.]						876				876		f, l, m, n, u, v, w
		TOTAL BED COMPLEMENT						876				876		

26. Exeter and Mid-Devon Hospitals Management Committee

Secretary: L. PARKHOUSE, F.H.A.,
26, Queen Street, Exeter, Devon
Tel.: Exeter 54951/3

Chairman: Mrs. M. KIRK GATEY, J.P.,
"Spurbarn," Lyndhurst Road, Exeter, Devon

Finance Officer: R. E. WILMAN, A.C.A., A.H.A.,
26, Queen Street, Exeter, Devon

Engineer: F. J. DAVIS,
Royal Devon and Exeter Hpl.

Royal Devon and Exeter Hpl. (5), Southernhay East, Exeter, Devon	Exeter 2261	J. Sullivan, A.H.A., A.L.A.A. Miss A. Stopford-Smyth, S.R.N., S.C.M., D.N.	267	14		5				14		300		a, l, m, t, u, v
West of England Eye Inf. (5), Magdalen Street, Exeter, Devon	Exeter 3183	J. Sullivan, A.H.A., A.L.A.A. Miss E. Cameron, S.R.N., S.C.M.	55								2	57		n

26. Exeter and Mid-Devon Hospitals Management Committee—Cont.

[illegible]

26. Exeter and Mid-Devon Hospitals Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement									
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total
Teignmouth Hpl. (1), Hermose Road, Teignmouth, Devon	Teignmouth 31	W. M. Apted Mrs. E. Spearing, S.R.N., S.C.M. S.R.SIST. TUTOR	34									34
Castle Hpl. (3), 1, Castle Walk, Okehampton, Devon	Okehampton 10	R. Talbot, A.H.A. Mrs. F. M. Talbot, S.R.N., S.C.M.			45 35							45 35
Belmont Hpl. (4), Belmont Road, Tiverton, Devon	Tiverton 2624	A. L. Woods Mrs. M. Woods, S.R.N.			107 19							107 19
		TOTAL BED COMPLEMENT	619	69	412 54	5			12	14	2	1,133 92

SUB-GROUPING

- (1) Dawlish—Teignmouth Sub-Group
 - (2) Moretonhampstead—Bovey Tracey Sub-Group
 - (3) Okehampton Sub-Group
 - (4) Tiverton Sub-Group
 - (5) Royal Devon and Exeter Hpl. Sub-Group
- Senior Administrative Officer:—W. M. Apted, Teignmouth Hpl.
Senior Administrative Officer:—R. Talbot, A.H.A., Castle Hpl.
Senior Administrative Officer:—R. Talbot, A.H.A., Castle Hpl.
Senior Administrative Officer:—A. L. Woods, Belmont Hpl.
Senior Administrative Officer:—J. Sullivan, A.H.A., A.L.A.A., Royal Devon and Exeter Hpl.

27. Exeter Special Hospital Management Committee

Secretary: J. P. K. Chislett, F.H.A.,
26, Queen Street, Exeter, Devon
Tel.: Exeter 54941

Finance Officer: R. E. Wilman, A.C.A., A.H.A.,
26, Queen Street, Exeter, Devon

Isolation Hpl., Whipton, Nr. Exeter, Devon	Exeter 67158	E. G. Fenner, A.H.A. Miss G. Henson (Matron)	98	34	132	n
Honeylands Children's Sanatorium, Whipton, Nr. Exeter, Devon	Exeter 67171	E. G. Fenner, A.H.A. Miss F. Jones (Matron)		20	20	
Smallpox Hpl., Upton Pyne, Nr. Exeter, Devon	Stoke Canon 207	J. P. K. Chislett, F.H.A.	28		28	

Supplies Officer and Engineer: (n.y.a.)

Chairman: Colonel Rowland Ward, M.C.,
The Dewerstone, St. Marychurch, Torquay, Devon

27. Exeter Special Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Hawkmoor Sanatorium, Bovey Tracey, Devon	Bovey Tracey 2107	J. P. K. Chislett, F.H.A. R. L. Midgley, M.D., M.R.C.P.(LON.), (Med. Supt.) Miss H. E. Greenhill					174 36					174 36		c, l, n
Hawley Hpl., Barnstaple, North Devon	Barnstaple 3124	J. P. K. Chislett, F.H.A. Miss H. E. Greenhill					28					28		n
Ivybank Chest Clinic, 45, St. David's Hill, Exeter, Devon	Exeter 3818	J. P. K. Chislett, F.H.A.												
City T.B. Dispensary, Southernhay West, Exeter, Devon	Exeter 54911	J. P. K. Chislett, F.H.A.				126	256 36					382 36		
TOTAL BED COMPLEMENT														

28. East Devon Hospital Group Management Committee

Secretary: Miss J. M. HELLIER, A.C.I.S.,
Redhills House, St. Thomas, Exeter, Devon
Tel.: Exeter 55808

Finance Officer: R. E. WILMAN, A.H.A., A.C.A.,
26, Queen Street, Exeter, Devon
Tel.: Exeter 54941

Chairman: E. C. F. BIRD,
Packway, Ware Lane, Lyme Regis, Dorset

Supplies Officer and Engineer: (n.y.a.)

Ernborough House Hpl., 9, Fairpark Road, Exeter, Devon	Exeter 3556	E. H. Wippell (Hon. Sec.) Mrs. E. Chislett, S.R.N.			26							26	3	n
Exmouth Hpl., Claremont Grove, Exmouth, Devon	Exmouth 2283	Mrs. B. M. Larcombe Miss L. Anson, S.R.N.	36			1					8	45		aa
Budleigh Salterton Hpl., Budleigh Salterton, Devon	Budleigh Salterton 20	Lt.-Col. G. T. Dennys (Hon. Sec.) Miss E. B. Lewis, S.R.N., S.C.M.	16								5	21		
Victoria Cottage Hpl., Sidmouth, Devon	Sidmouth 46	Mrs. B. M. Larcombe Miss N. Latham, S.R.N., S.C.M.	21								6	27		
Ottery St. Mary Cottage Hpl., Ottery St. Mary, Devon	Ottery St. Mary 33	Capt. J. M. L. Cusack, R.N. (Hon. Sec.) Miss E. St. C. Mayne, S.R.N., S.C.M.	16								4	20		

28. East Devon Hospital Group Management Committee—Conti.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Axminster Cottage Hpl., Chard Street, Axminster, Devon	Axminster 2218	Mrs. E. Fowler Miss M. Bosson, S.R.N., S.C.M.	18								2	20	3	
Lyme Regis Cottage Hpl., Pound Road, Lyme Regis, Devon	Lyme Regis 38	D. R. E. Ellis-Jones (Hon. Sec.) Miss D. A. H. Wells, S.R.N., S.C.M.	20								5	25		"
Marlpits Hpl., Honiton, Devon	Honiton 32	C. C. Haw, A.H.A. Mrs. C. Haw, S.R.N., S.C.M.		10	99 36							109 36		"
Redhills Hpl., St. Thomas, Exeter, Devon	Exeter 2188	H. D. Milne Mrs. H. D. Milne, S.C.M.	1	12	175							188		"
TOTAL BED COMPLEMENT			128	22	300 36	1					30	481 36		

29. Devon Mental Hospital Management Committee

<i>Secretary (acting):</i> A. J. WITHEYCOMBE, Redcot, Streatham Drive, Exeter, Devon <i>Tel.:</i> Exeter 4360			<i>Chairman:</i> Sir ARTHUR C. REED, J.P., C.C., Cumbre, Exeter, Devon			<i>Finance Officer:</i> R. E. WILMAN, A.C.A., A.H.A., 26, Queen Street, Exeter, Devon <i>Tel.:</i> Exeter 54941								
Exminster Hpl., Exminster, Nr. Exeter, Devon	Exeter 4094	R. Seal S.M. Allan, M.D., D.P.M. (Med. Supt.) Miss G. Sykes, S.R.N., R.M.P.A.						1,616				1,616	93	f, n, u, w, z
Digby Hpl., Exeter, Devon	Exeter 2157	D. W. Miller, A.H.A. J. Russell, M.B., CH.B., D.P.M. (Med. Supt.) Miss F. N. Henry, S.R.N., R.M.P.A.						172* 192†				172 192	8	f, l, n, u, v, w, z * Males only † Females only
Wonford House Hpl., Exeter, Devon	Exeter 2642	B. J. Mullin, L.R.C.S. & P.I., D.P.H., D.P.M. (Med. Supt.) Miss E. A. Lenton, S.R.N., R.M.P.A.						145				145	128	f, n, v, w
TOTAL BED COMPLEMENT								1,933 192				1,933 192	229	

30. Royal Western Counties Institution Hospital Group Management Committee

Secretary and Finance Officer: L. W. HEDGER, F.H.A., F.C.I.S.,
Royal Western Counties Hpl.
Supplies Officer: A. MORTIMORE, A.H.A.,
Royal Western Counties Hpl.

Chairman: Brig. J. MORRISON, M.B.E.,
Royal Western Counties Hpl.
Engineer: G. E. MAGROW, A.I.E.E., A.M.I.S.E.,
Royal Western Counties Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Royal Western Counties Hpl., and ancillary premises (including the Home of the Good Shepherd, Exeter), Devon	Starcross 262/3	L. W. Hedger, F.H.A., F.C.I.S. David Prentice, M.B., CH.B., D.P.M. (Med. Supt.) Miss J. D. Ferrier, S.R.N.							1,280 100				1,280 100		g, n, x
Franklyn Hpl., Broadway, St. Thomas, Exeter, Devon	Exeter 3630	L. W. Hedger, F.C.I.S., F.H.A. David Prentice, M.B., CH.B., D.P.M. (Med. Supt.) Miss M. Pugh, S.R.N., R.M.N. (Matron-Supt.)							79				79		n, x
Stoke-Lyne Hpl., Withycombe Raleigh, Withycombe, Nr. Exmouth, Devon	Exmouth 2206	L. W. Hedger, F.C.I.S., F.H.A. David Prentice, M.B., CH.B., D.P.M. (Med. Supt.) Miss M. Lingard, S.R.N., R.M.N. (Matron-Supt.)							47 6				47 6		n, x
Box House Hpl., Axminster, Devon	Axminster 2226	L. W. Hedger, F.C.I.S., F.H.A. David Prentice, M.B., CH.B., D.P.M. (Med. Supt.) A. Simmons (Supt.)							154				154		n, x
Western Lodge Hpl., Credition, Devon	Credition 52	L. W. Hedger, F.C.I.S., F.H.A. David Prentice, M.B., CH.B., D.P.M. (Med. Supt.) Miss B. T. Wilson, S.R.N., C.M.B. (Matron-Supt.)							109				109		n, x
The Retreat and Boys' Home Hpl., St. Columb Major, Cornwall	St. Columb 9	L. W. Hedger, F.C.I.S., F.H.A. David Prentice, M.B., CH.B., D.P.M. (Med. Supt.) Miss F. M. Burge, S.R.N., R.M.N., S.C.M. (Matron-Supt.)							93 18				93 18		n, x
Elizabeth-Barclay Home of Industry Hpl., Bodmin, Cornwall	Bodmin 234	L. W. Hedger, F.C.I.S., F.H.A. David Prentice, M.B., CH.B., D.P.M. (Med. Supt.) Miss V. M. Marsh (Matron-Supt.)							24 2				24 2		n, x
TOTAL BED COMPLEMENT									1,786 126				1,786 126		

31. Torquay District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Paignton Isolation Hpl., King's Ash, Paignton, Devon	Paignton 5676	A. J. W. Rosser, A.H.A. Miss I. G. Freeman				16							16		
Brixham Hpl., Greenswood Road, Brixham, Devon	Brixham 2153	H. Southcombe Miss O. Olsen	19	2									21	3	
Dartmouth and Kingswear Hpl., South Embankment, Dartmouth, Devon	Dartmouth 41	Miss K. Magrath (Matron)	24 2										24 2		
Totnes Hpl. (+), Bridgetown, Totnes, Devon	Totnes 3146	E. S. Nott (Hon. Sec.) Miss M. S. Sainsbury	20										20	3	
Ashburton and Buckfastleigh Hpl., Ashburton, Newton Abbot, Devon	Ashburton 203	R. D. Cochrane (Hon. Sec.) Miss M. Lush	15										15		
Broomborough Hpl. (+), 13, Plymouth Road, Totnes, Devon	Totnes 2166	W. A. M. Beer Mrs. W. A. M. Beer		13	146								159		
TOTAL BED COMPLEMENT			352 6	51 16	286	55 31				38			782 53		

SUB-GROUPING

- (1) Torquay Area House Committee Sub-Group ...
(2) Newton Abbot Area House Committee Sub-Group ...
(3) Paignton Area House Committee Sub-Group ...
(4) Totnes Area House Committee Sub-Group ...
- Senior Administrative Officer:—K. C. DAVIS, A.C.I.S., Torbay Hpl.
Senior Administrative Officer:—H. F. BALL, Newton Abbot Hpl.
Senior Administrative Officer:—Capt. A. J. W. ROSSER, A.H.A., Paignton and District Hpl.
Senior Administrative Officer:—E. S. NOTT, 12, High Street, Totnes, Devon (Hon. Sec.)

32. North Devon Hospital Management Committee

Secretary and Finance Officer: L. G. ENFIELD, A.H.A.,
19, Alexandra Road, Barnstaple, Devon
Tel.: Barnstaple 3156

Chairman: Captain F. G. GLOSSOP, R.N. (RETD.), D.L., J.P.
West Down, South Molton, North Devon

Supplies Officer and Engineer: (n.y.a.)

North Devon Inf., Barnstaple, Devon	Barnstaple 2291	L. G. Enfield, A.H.A. Miss M. Wright	95	12		3						110		a l, n, u,
Bideford and District Hpl. (1), Abbotsham Road, Bideford, Devon	Bideford 782	J. G. Wright, F.H.A., F.I.A.C. Miss E. M. Ruck	41 18									41 18		c, n

32. North Devon Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
North Devon Joint Isolation Hpl. (1), Alverdiscott Road, Bideford, Devon	Bideford 145	J. G. Wright, F.I.A.C., F.H.A. Miss L. M. Jeanes				34						34		
Torrington Cottage Hpl., Calf Street, Great Torrington, Devon	Torrington 2208	L. G. Enfield Miss E. M. Bowen	8	4								12		
Ilfracombe and District Tyrrell Hpl. (2), Marlborough Road, Ilfracombe, Devon	Ilfracombe 48	F. G. Reed, J.P. Miss C. E. A. Shellswell	28								4	32		"
Bicclescombe Park Maternity Home (2), Ilfracombe, Devon	Ilfracombe 51	F. G. Reed, J.P. Miss E. A. Roach		27								27		"
Lynton District Cottage Hpl., Lee Road, Lynton, Devon	Lynton 3110	L. G. Enfield Miss L. A. Denny	7	3								10		
South Molton and District Cottage Hpl., West Street, South Molton, Devon	South Molton 74	L. G. Enfield Miss E. M. Bowen	8	5								13		"
Alexandra Hpl., 19, Alexandra Road, Barnstaple, Devon	Barnstaple 3156	J. Ikin Mrs. E. Ikin			128 32							128 32		"
Torridge Hpl. (1), Meddon Street, Bideford, Devon	Bideford 360	J. Morris Mrs. J. Morris			98							98		"
TOTAL BED COMPLEMENT			187	51	226 32	37					4	505 50		
			18											
SUB-GROUPING														
(1) Bideford Sub-Group			...	...	...	...	...	...	...	...	...	...	...	...
(2) Ilfracombe Sub-Group			...	...	...	...	...	...	...	...	...	...	...	...
JOINT USER ARRANGEMENTS														
In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following Institutions														
Name and Address of Institution			Telephone	Name of Authority owning Institution				No. of Beds provided for H.M.C.						
Beech House, South Molton, Devon			South Molton 24	Devon County Council				31						
Torrington Welfare Institution, Torrington, Devon			Torrington 2206	Devon County Council				24						

33. Plymouth, South Devon and East Cornwall Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Alexandra Maternity Home (1), St. Michael's Terrace, Stoke, Devonport, Devon	Devonport 127	B. Tavener Miss L. A. Clements, S.R.N., S.C.M.		55							3	58		l, n, o, u
Lamellion Hpl. (2), Liskeard, Cornwall	Liskeard 3308	A. Carter Mrs. E. Carter, S.R.N., S.C.M.			75							75		l, n
Pages Cross Hpl. (3), Launceston Cornwall	Launceston 116	F. C. Cottrell Mrs. E. Cottrell, S.R.N., S.C.M.			69							69		n, y
Dawfield Hpl. (4), Holsworthy, Devon	Holsworthy 24	E. G. Hope Mrs. R. Hope, S.R.N., S.C.M., S.R.M.N.	24		30							54		n
TOTAL BED COMPLEMENT			744	135	337	8					54	1,278		

SUB-GROUPING

Alexandra and Flete Sub-Group	...	...	...	...	...	Senior Administrative Officer:—B. TAVENER
Liskeard and Looe Sub-Group	...	...	...	...	...	Senior Administrative Officer:—A. CARTER
Launceston Sub-Group	...	...	...	...	...	Senior Administrative Officer:—F. C. COTTERELL
Stratton and Holsworthy Sub-Group	...	...	...	...	...	Senior Administrative Officer:—E. G. HOPE
Royal Eye Inf. Sub-Group	...	...	...	...	...	Senior Administrative Officer:—H. MICHELL
Kingsbridge Sub-Group	...	...	...	...	...	Senior Administrative Officer:—E. F. MAHANY
Tavistock Sub-Group	...	...	...	...	...	Senior Administrative Officer:—L. W. MARTINANT
Saltash Sub-Group	...	...	...	...	...	Senior Administrative Officer:—F. E. PINE

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Ford House, Devonport, Devon	Devonport 293	Plymouth Local Authority	92
Gwyntor Welfare Institution, Tavistock, Devon	Tavistock 39	Devon County Council	43

34. Plymouth Special Hospital Management Committee

Secretary: W. L. EDWARDS,
c/o Beaumont House, Beaumont Park, Plymouth, Devon
Tel.: Plymouth 2821, Ext. 248

Chairman: H. D. GILL, J.P.,
"Uplands," Crownhill, Plymouth

Supplies Officer: S. F. L. TYE, B.A.(HONS.),
100, Union Street, Plymouth, Devon

Finance Officer: H. C. BAILEY, A.H.A., A.I.M.T.A.,
100, Union Street, Plymouth, Devon

Maintenance Officer: C. R. TOZER, A.R.I.B.A.,
100, Union Street, Plymouth, Devon

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Mount Gold Orthopaedic Hpl. and Sanatorium, Mount Gold Road, Plymouth, Devon	Plymouth 3612, 3860	A. J. F. Foard, A.H.A. W. N. M. Mason, M.D., CH.B., M.R.C.S., D.P.H. (Med. Supt.) Miss C. Hutchinson, S.R.N., S.C.M.	120				83					203		c, n, u
Didworthy Sanatorium, South Brent, South Devon	South Brent 2138	R. Edmonds A. T. Bettinson, M.R.C.S., L.R.C.P., (Med. Supt.) Miss E. Hutchinson, S.R.N., C.M.B.					126					126		n
Swilly Isolation Hpl., Beacon Park Road, Plymouth, Devon	Plymouth 4311, 61437	A. J. F. Foard, A.H.A. D. F. Johnstone, M.R.C.S., L.R.C.P., D.P.H. (Med. Supt.) Miss G. D. Bradford, S.R.N. S.C.M., R.F.N.				101 54	27					128 54		j, n
Lee Mill Smallpox Hpl., Lee Mill, Nr. Ivybridge, Devon	Ivybridge 82	A. J. F. Foard, A.H.A. W. N. M. Mason, M.D., CH.B., M.R.C.S., D.P.H. (Med. Supt.) Miss C. Hutchinson, S.R.N., S.C.M.												Not in use
County Smallpox Hpl., Liskeard, Cornwall	Liskeard 2385	A. J. F. Foard, A.H.A. D. J. Johnstone, M.R.C.S., L.R.C.P., D.P.H., (Med. Supt.) Miss G. D. Bradford, S.R.N., S.C.M., R.F.N.												Not in use
Plympton Smallpox Hpl., Lee Mill, Nr. Ivybridge, Devon														Not in use
Crownhill Convalescent Home, Crownhill, Plymouth, Devon	Plymouth 71714	Miss C. W. Spence, S.R.N. (Matron)										25*	25	*Convalescent
Langdon Court Children's Home, Wembury, Nr. Plymouth, Devon	Wembury 358	A. J. F. Foard, A.H.A. W. N. Mason, M.D., CH.B., M.R.C.S. D.P.H. (Med. Supt.) Miss E. Plumb S.R.N.										38*	38	n

34. Plymouth Special Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Underwood House Hpl., Plympton, South Devon	Plympton 3205	O. Johns Mrs. K. M. Johns S.R.N.			104								104		n
			TOTAL BED COMPLEMENT 120		104	101 54	236			63			624 54		
JOINT USER ARRANGEMENTS															
In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution															
Name and Address of Institution			Telephone	Name of Authority owning Institution						No. of Beds provided for H.M.C.					
Ford House, Devonport, Devon			Devonport 298	Plymouth County Borough						92					

35. Moorhaven Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
G. E. FORD, F.H.A.,
c/o Moorhaven Hpl.

Chairman: Alderman Mrs. J. MARSHALL,
17, Faringdon Road, Plymouth, Devon

Engineer: S. OAKS,
Moorhaven Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Moorhaven Hpl., Ivybridge, South Devon	Ivybridge 2	G. E. Ford F.H.A. F. E. Pilkington, M.A., M.B., B.CH., M.R.C.S., M.R.C.P., D.P.M. (Physi- cian Supt.) Miss E. Wilmot, S.R.N., S.R.M.N., S.C.M.						763					763		f, l, n, u, v, w, z
									763					763	
TOTAL BED COMPLEMENT								763					763		

36. West Cornwall Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Fowey Cottage Hpl., Green Lane, Fowey, Cornwall	Fowey 49	E. W. Galley, J.P. Miss A. D. Maddever	15								1	16	1	u
East Cornwall Hpl., Rhind Street, Bodmin, Cornwall	Bodmin 30	C. D. Rayment Miss B. Mackay	24								2	26	1	n, u
Newquay and District Hpl., St. Thomas' Road, Newquay, Cornwall	Newquay 2112	C. D. Rayment Miss F. McGregor-Wilson	20								2	22	2	n, u
West Cornwall Hpl., St. Clare Street, Penzance, Cornwall	Penzance 882	K. I. Newell, A.H.A. Miss J. J. Ralph	96	6			1				13	116		c, l, n, t, u, v
Edward Hain Memorial Hpl., St. Ives, Cornwall	St. Ives 44	K. I. Newell, A.H.A. Miss D. Locker	9								1	10		n
Helston and District Hpl., Helston, Cornwall	Helston 51	C. D. Reynolds (Acting Admin. [Officer]) Miss J. Sargent	11								4	15		n
Isles of Scilly General Hpl., St. Mary's, Isles of Scilly	Scillonia 92	K. I. Newell, A.H.A. Mrs. I. Snelson	16									16		
Edward Bolitho Convalescent Home, Penzance, Cornwall	Penzance 153	K. I. Newell, A.H.A. Miss J. M. Bailey								14*		14		*Convalescent
Budock House Hpl., Falmouth, Cornwall	Penryn 3230	A. Stone Mrs. S. M. Stone			56							56		x, y
Mountview Hpl., Madron, Penzance, Cornwall	Penzance 3609	G. O. Ellis Mrs. I. M. Ellis			69							69		
Barncoose Hpl., Illogan Highway, Redruth, Cornwall	Redruth 673, 14	Admin. Officer: (vacant) Admin. Officer: (vacant)			111							111		y
Meneage House Hpl., Helston, Cornwall	Helston 89	E. T. Griffiths Mrs. S. A. Griffiths			72							72		y
TOTAL BED COMPLEMENT			626	66	308	110	133			64	44	1,351	10	

36. West Cornwall Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Sedgmoor Priory, St. Austell, Cornwall	St. Austell 74	Cornwall County Council	82

37. St. Lawrence's Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
W. S. SMITH, M.B.E., F.H.A., A.R.SAN.I.,
St. Lawrence's Hpl.

Chairman: Mrs. M. F. WILLIAMS,
Caerhays Castle, Gorran, Cornwall

Engineer: D. BUNT,
St. Lawrence's Hpl., Bodmin
Tel.: Bodmin 5

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
St. Lawrence's Hpl., Bodmin, Cornwall	Bodmin 5	W. S. Smith, M.B.E., F.H.A., A.R.SAN.I. Stanley M. Coleman, M.R.C.S., L.R.C.P., D.P.M. (Med. Supt.) Miss A. M. Horswill						1,249					1,249		f, l, n, u, v, w, z
		W. S. Smith, M.B.E., F.H.A., A.R.SAN.I. Stanley M. Coleman, M.R.C.S., L.R.C.P., D.P.M. (Med. Supt.) Miss A. M. Horswill						62					26		
Lanival House, Bodmin, Cornwall	Bodmin 5												1,275		1,275
TOTAL BED COMPLEMENT															

WELSH REGION

Area : The whole of Wales and the administrative county of Monmouth.
The county borough of Newport.

Population : 2,517,000.

Regional Hospital Board

Address : Westminster House, 95/97, St. Mary Street, Cardiff

Telephone : Cardiff 4728

Chairman of Board : Sir Frederick J. Alban, C.B.E., J.P. (b)

Other Members : (a) R. D. Aiyar, A. H. Coleman, O.B.E., Eugene Cross, H. G. Davies, R. Davies, Mrs. H. Evans, J.P., Alderman R. Gronow, Prof. E. A. Owen, Mrs. E. Owen, Rev. B. Waldo-Lewis, Alderman E. Williams, J.P. ; (b) H. Alexander, J.P., Alderman W. Casey, J.P., I. J. Davies, T. P. Davies, Alderman W. C. Davies, Alderman J. Dicks, Alderman J. J. Panes, O.B.E., Alderman D. H. Pennant, D.S.O., Prof. O. H. Williams ; (c) W. J. Canton, H. T. Edwards, Alderman T. Evans, W. Evans, J.P., Mrs. K. W. Jones-Roberts, J.P., T. MacDonald, J. T. Morrison, Prof. R. M. F. Picken, J. H. O. Roberts, E. K. Roy Thomas, F.R.C.S., Alderman the Rev. W. D. Thomas.

N.B.—Members under (a) are appointed to serve until March 31st, 1952 ; those under (b) until March 31st, 1950 ; those under (c) until March 31st, 1951.

Secretary :

R. E. REESE, F.H.A., A.C.I.S.

Assistant Secretary :

W. J. THOMAS, A.H.A.

Treasurer :

A. E. NEWALL, F.I.M.T.A., A.S.A.A.

Assistant Treasurer :

T. W. JEFFREYS, A.S.A.A.

Architect :

D. G. WALTON, F.R.I.B.A.

Senior Admin. Medical Officer :

A. TREVOR JONES, M.D., M.R.C.P., D.P.H.

Regional Psychiatrist :

W. LINFORD REES, M.D., B.CH., B.SC., M.R.C.P., D.P.H.

Regional Tuberculosis Physician :

N. TATTERSALL, M.D., B.S.

Assistant Senior Medical Officer :

T. STENNER EVANS, M.B., B.S., D.P.H.

Teaching Hospital within Region : The United Cardiff Hospitals

WELSH REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Newport and East Monmouthshire Hospital Management Committee

Secretary: T. A. JONES, A.H.A.,
16, Cardiff Road, Newport, Mon.
Tel.: Newport 2208/9, 2200

Chairman: Alderman J. J. PANES, O.B.E.,
3, Woodland Terrace, Argoed, Mon.

Finance Officer: W. R. MATTHEWS, A.S.A.A.
16, Cardiff Road, Newport, Mon.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Royal Gwent Hpl., Cardiff Road, Newport, Mon.	Newport 5432	T. A. Jones, A.H.A. Miss E. Frances Greene	256											a, l, n, r, t, u, v
St. Woolos Hpl., 131, Stow Hill, Newport, Mon.	Newport 3281	E. Slack, F.H.A. Miss E. Wheeler (Nursing Matron) Mrs. E. Slack (Administrative Matron)	236	54	112									a, l, n, y, z
Allt-yr-yn Isolation Hpl., Allt-yr-yn View, Newport, Mon.	Newport 2856	Miss D. A. Hughes-Jones (Matron)				84								j, l, n
Lydia Beynon Maternity Hpl., The Coldra, Chepstow Road, Newport, Mon.	Caerleon 205	Miss N. Stonehouse (Matron)		25										n
Pontypool & District Hpl., Leigh Road, Pontypool, Mon.	Pontypool 79	N. A. Ball, F.H.A. Miss P. A. Ebdon	115											a, l, u
Monmouth County Hpl., Coed-y-Gric Road, Griffithstown, Mon.	Griffithstown 129	Dr. W. M. Parry Jones (Senior Med. Officer) Miss S. N. Noot	206											n, x
Llanfdechfa Grange Maternity Hpl., Llanfdechfa, Nr. Caerleon, Mon.	Cwmbran 7735	Miss A. L. Pritchard (Matron)		24										
Snatchwood House Hpl., Snatchwood, Pontnewynydd, Mon.	Pontypool 294	Miss C. I. Tinsley (Matron)		24										n
Chepstow & District Hpl., Guy House, Chepstow, Mon.	Chepstow 391	Miss B. M. Williams (Matron)	20										2	n
Chepstow Joint Isolation Hpl., Usk Road, Chepstow, Mon.	Chepstow 845	Miss L. M. Turney (Matron)				26								
Cefn Mabley T.B. Hpl., Michaelstone-y-vedw, Nr. Cardiff, Glam.	St. Mellons 41	Dr. H. Ross (Med. Supt.) Miss G. Ashplante					158							l, m, n

2. North Monmouthshire Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers
Crickhowell War Memorial Hpl., Crickhowell, Brecs.	Crickhowell 64	J. L. Newman, A.H.A. Miss E. M. Davis
Blaenavon Workmen's Hpl., Blaenavon, Mon	Blaenavon 236	J. L. Newman, A.H.A. Miss M. J. Thomas
Blaina & District Hpl. Nantyglo, Mon	Blaina 30	J. L. Newman, A.H.A. Miss R. Lawford
Aberdillery and District Hpl., Aberbeeg, Mon	Aberbeeg 203	J. L. Newman, A.H.A. Mrs. G. E. Body
T.B. Visiting Station, Crickhowell Hpl., Crickhowell, Brecs.	Crickhowell 64	
T.B. Visiting Station (Ebbw Vale), c/o Workmen's Hall, Ebbw Vale, Mon		
T.B. Visiting Station (Aberdillery & Blaina), c/o Blaina Hpl., Nantyglo, Mon	Blaina 30	

3. Rhymney and Sirhowy Valleys Hospital Management Committee

Finance Officer: R. M. THOMAS, A.C.I.S.,
Central Offices, Caerphilly District Miners' Hpl.
Supplies Officer and Engineer: (n.y.a.)

Chairman: Alderman T. EVANS,
13, Pengam Street, Glanynant,
Pengam, Cardiff, Glam

Secretary: D. M. THOMAS, A.H.A., A.C.I.S.,
Central Offices, Caerphilly District Miners' Hpl.
Tel.: Caerphilly 3146, 3114, 2162

Caeprhill District Miners' Hpl. (1), St. Martin's Road, Caeprhill, Glam	Caeprhill 3146	Miss G. M. Hughes, s.r.n. (Matron)	150 20	14					150 34	n, u
Energlyn Isolation Hpl. (1), Caeprhill, Glam	Caeprhill 2205	Miss E. M. England, s.r.f.n., s.c.m., (Matron)		14	36 6				50 6	n
Abertysswg Workmen's Hpl. (3), Abertysswg, Rhymney, Mon	Pontlloftyn 12	Miss J. N. Thomas, s.r.n. (Matron)	9 3						9 3	
The Redwood Memorial Hpl. (3), Rhymney, Mon	Rhymney 314	Miss M. S. Roberts, s.r.n., s.c.m. (Matron)	20						20	u
Powell Duffryn Hpl. (2), Aberbargoed, Mon	Bargoed 17	Mrs. M. Ferguson Hutton, s.r.n. (Matron)	20						20	n, u

3. Rhymney and Sirhowy Valleys Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Gellygaer Isolation Hpl. (2), Gellygaer, Hengoed, Glam	Pengam 26	Miss E. A. Gravenor, S.R.N., S.C.M., R.F.N. (Matron)				10 5	30					40 5		"
Bedwellty Isolation Hpl. (2), Aberbargoed, Markham, Mon	Bargoed 61	Miss A. M. Valder, S.R.N. (Matron)				16 12						16 12		"
Tredegar Park Cottage Hpl. (4), Tredegar, Mon	Tredegar 1	Miss N. E. Chapman, S.R.N., S.C.M. (Matron)	54		6							60		" , "
Tredegar Pupil Nurses' Home & Out Patient Clinic, Tredegar, Mon	Tredegar 48													
Ashvale Isolation Hpl. (4), Ashvale, Tredegar, Mon	Tredegar 6	Miss A. E. W. Robjohn, S.R.N., R.F.N., S.C.M. (Matron)				20						20		
County Inf. (4), Tredegar, Mon	Tredegar 241	Mrs. C. P. Banton, S.R.N., S.C.M. (Matron)		46	193*							239		*. Includes 80 beds for Part III accom- modation
Oakdale Workmen's Hpl. (4), Oakdale, Blackwood, Mon	Blackwood 2207	Miss A. Thomas, S.R.N. (Matron)	14 4									14 4		
T.B. Clinic, Heathfield, St. Martin's Road, Caerphilly, Glam	Caerphilly 2180													
T.B. Visiting Station, Rhymney, Mon														
T. B. Dispensary, Pontllanfraith, Mon	Blackwood 3281													
T.B. Visiting Station, Tredegar, Mon														
TOTAL BED COMPLEMENT			267 27	46 14	119	60 17	66 6					558 64		

SUB-GROUPING

(1) Caerphilly & District Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—J. ROACH, M.B.E., F.H.A., Caerphilly District Miners Hpl.
(2) Gelligaer & District Sub-Group ...	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—J. ROACH, M.B.E., F.H.A., Caerphilly District Miners Hpl.
(3) Rhymney Abertwysyg Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—W.M. DAVIES, Tredegar Park Hpl.
(4) Tredegar & Oakdale Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—W.M. DAVIES, Tredegar Park Hpl.

4. Brecon and Radnor Hospital Management Committee

Secretary: Major J. V. REES,
Breconshire War Memorial Hpl.

Chairman: E. A. WATTS, Esq.,
Bryn-y-gaer, Brecon, Brecknock

Finance Officer and Supplies Officer: L. T. HAVARD,
Breconshire War Memorial Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Breconshire War Memorial Hpl., Brecon	Brecon 141	Major J. V. Rees Miss E. M. Jenkins	33	3								36	5	v
St. David's Hpl., Brecon	Brecon 48	J. P. Davies Dr. D. L. Lees (Med. Officer-in-charge) Mrs. J. P. Davies			90							90		
Llandrindod Wells War Memorial Hpl., Llandrindod Wells, Radnor	Llandrindod Wells 2232	C. P. Jones Miss A. Bevan	40	3								43	7	
Builth Cottage Hpl., Builth Wells, Brecon	Builth Wells 221	R. H. Davenport Miss A. Dodd	23	2								25	3	
Knighton Hpl., Knighton, Radnor	Knighton 133	W. Dodd Dr. G. H. H. Booth (Med. Officer-in-charge) Mrs. W. Dodd		4	30					46*		80		*Part III accommo- dation
Orthopædic Clinic,† Llandrindod Wells, Radnor	Llandrindod Wells 2251													†Clinical services pro- vided by Robert Jones and Agnes Hunt Orthopædic Hpl.
Highland Moors Hpl., Llandrindod Wells, Radnor	Llandrindod Wells 2137	Dr. N. T. K. Jordan (Med. Officer-in-charge) Miss E. A. Fricke								60§		60		§T.B. Convalescent
South Wales Sanatorium, Talgarth, Brecon	Talgarth 5	Dr. H. E. Watson (Med. Supt.) Miss A. A. Scott					286					286		
T.B. Clinic, Bulwark, Brecon	Brecon 54	Dr. N. T. K. Jordan (Chest Physi- cian-in-charge)												
T.B. Visiting Station, Builth Wells, Brecon		Dr. N. T. K. Jordan (Chest Physi- cian-in-charge)												
T.B. Visiting Station, Llandrindod Wells, Radnor	Llandrindod Wells 2101	Dr. N. T. K. Jordan (Chest Physi- cian-in-charge)												
TOTAL BED COMPLEMENT			96	12	120		286			106		620	15	

5. Cardiff Hospital Management Committee

Secretary: S. F. BARRY, A.H.A.,
St. David's Hpl.

Finance Officer: J. ALUN EVANS, A.H.A.,
Dowlais Chambers, West Bute Street, Cardiff, Glam
Tel.: Cardiff 3518

Chairman: Alderman R. G. ROBINSON, J.P.,
25, Southcourt Road, Cardiff, Glam

Supplies Officer: H. T. ROFFEY, F.H.A.,
St. David's Hpl.

Engineer: G. JONES,
St. David's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
St. David's Hpl., Cowbridge Road, Cardiff, Glam	Cardiff 7020	H. T. Roffey, F.H.A. Dr. John Jones (Med. Supt.) Miss P. M. Smith, S.R.N., S.C.M.	177	110	261		28	20		60*		656		l. n, o, u, y, z *Part III accommodation
Prince of Wales Orthopaedic Hpl., The Walk, Cardiff, Glam	Cardiff 2786	M. L. Crane, A.S.A.A., F.H.A. Miss R. Miles, S.R.N.	64†									64		u. †Orthopaedic
Crossways Hpl., Near Cowbridge, Glam	Cowbridge 265	M. L. Crane, A.S.A.A., F.H.A. Miss R. Miles, S.R.N.	70†									70		
Royal Hamadryad General and Seamen's Hunter Street, Bute Docks, [Hpl., Cardiff, Glam	Cardiff 1374	Dr. R. H. Longmoor (Med. Supt.) Miss V. M. John, S.R.N.	44 22									44 22		n
City Isolation Hpl., Canton, Cardiff, Glam	Cardiff 960	Dr. G. Emrys Harries (Med. Supt.) Miss E. P. Chubb, S.R.N.				183 36						183 36		j, n
Caerau Hpl., Caerau, Near Cardiff, Glam	Llandaff 43	H. T. Roffey, F.H.A. Dr. Emrys Harries (Med. Supt.)			40							40		
Ely Isolation Hpl., Conbridge Road, Ely, Cardiff, Glam	Llandaff 107	Miss A. M. Davies, S.R.N., R.F.N., S.C.M. (Matron)				52						52		n
Barry Accident & Surgical Hpl., Wyndham Street, Barry, Glam	Barry 372	Miss W. T. Wathan Dr. Mary Lennox (Med. Supt.) Miss E. Bridges, S.R.N.	39									39		n
Barry Isolation Hpl., Barry, Glam	Barry 264	Dr. Mary Lennox (Med. Supt.) Miss E. M. Meredith				42						42		n
Barry Maternity Hpl., Woodlands Road, Barry, Glam	Barry 376	W. T. Wathan Miss T. Powell, S.R.N., M.T.D.		16								16		n
Amy Evans Memorial Hpl., Holton Road, Barry, Glam			10									10		

L, n, o, u, y, z
*Part III
accommodation
u. †Orthopaedic

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5. Cardiff Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officials	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Rhydlafor Hpl., Knydlafor, Near Cardiff, Glam														Not yet opened
Sully Hpl., Sully, Glam	Sully 66	Dr. W. Davies (Med. Supt.) Miss C. Gould, S.R.N.	32				268					300		c, l, n, u
Glan Ely Hpl., Fairwater, Cardiff, Glam	Llandaff 1142	Dr. V. Emrys-Jones (Med. Supt.) Miss D. Jenkins, S.R.N.					212 24					212 24		c, l, n, u
Penarth Hpl., Penarth, Glam	Penarth 126	Dr. S. H. Graham (Med. Officer-in-charge) Miss D. M. Owen, S.R.N., T.A.					25					25		n
T.B. Clinic, Nythfa, 20, Cathedral Road, Cardiff, Glam	Cardiff 6563	Dr. S. H. Graham (T.B. Physician)												u
T.B. Visiting Station, Barry, Glam		Dr. S. H. Graham (T.B. Physician)												u
V.D. Clinic, Woodlands Road, Barry, Glam		Dr. Phillip Simon (Med. Officer-in-charge)												u
TOTAL BED COMPLEMENT			426 32	126	301	277 36	533 24	20		60		1,743 92		

6. Merthyr and Aberdare Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
IVOR DAVIES, A.S.A.A.,
St. Tydfil's Hpl.

Chairman: W. J. CANTON, D.L., LL.B.,
"Hartlands", Merthyr Tydfil, Glam

Engineer: (n.y.a.)

Merthyr General Hpl., Merthyr Tydfil, Glam	Merthyr 617/618	Miss D. R. Grassick (Matron)	120		2							122		a, l, n, u
St. Tydfil's Hpl., Merthyr Tydfil, Glam	Merthyr 123	E. C. Hall Dr. C. M. Probert (Med. Supt.) Miss B. Renfrey	222		163					207*		605		a, l, m, n, y. *Part III accommodation
Gwaunfarrren House Hpl., Merthyr Tydfil, Glam	Merthyr 190	Miss M. Walters (Matron)		21								21		n
Mardy Isolation Hpl., Merthyr Tydfil, Glam	Merthyr 230	Miss M. I. Harries (Matron)				32 58	30					62 58		n

6. Merthyr and Aberdare Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Mountain Ash General Hpl., Mountain Ash, Glam	Mountain Ash 79	W. T. Bowen Miss M. Reynolds	48								3	51		n, u
Aberdare General Hpl., Aberdare, Glam	Aberdare 43	C. Thomas, A.H.A. Miss M. I. Wilson	88	8 6								96 6		n u
Mountain Ash Isolation Hpl., Llanwonno Road, Mountain Ash, Glam	Mountain Ash 45	Miss L. Summerfield (Matron)				24						24		
Lady Aberdare Maternity Hpl., Granville Terrace, Mountain Ash, Glam	Mountain Ash 94	Miss B. Davies (Matron)		15								15		n u
Fedw Hir Smallpox Hpl., Llwydcoed, Aberdare, Glam	Aberdare 612	Mrs. F. Paddock (Matron)				72						72		
Sandbrook House Hpl., Merthyr Tydfil, Glam	Merthyr 395	Miss M. Jones (Matron)	20									20		
Pontsarn T.B. Hpl., Merthyr Tydfil, Glam	Dowlais 78	Miss M. Morgan (Matron)					23 17					23 17		n
T.B. Dispensary and Clinic, "The Hawthorns," Courtland Terrace, Merthyr Tydfil, Glam	Merthyr 129	Dr. E. Aslett (T.B. Physician)												u
T.B. Dispensary and Clinic, Melbourne House, Penrhiwceiber, Glam														u
T.B. Visiting Station, 42, Canon Street, Aberdare, Glam														
TOTAL BED COMPLEMENT			498	57 6	165	56 130	53 17			207	3	1,039 153		

8. Mid and West Glamorgan Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Blackmill Isolation Hpl., Blackmill, Near Bridgend, Glam	Ogmore Vale 7	B. J. Jones, L.M.S.S.A., D.P.H. (Med. Officer-in-charge) Miss M. M. Davies				44						44		k
West Glamorgan Hpl., Penrhiewtyn, Neath, Glam	Neath 717	G. H. Garfield, M.R.C.S., L.R.C.P. (Med. Supt.) Miss R. Samuel	271	64	49							384		a, d, n, o, u
Port Talbot and District Hpl., Hospital Road, Port Talbot, Glam	Port Talbot 182	Miss M. Humphreys Miss G. E. Lewis	85									85		c, l, n
Port Talbot Isolation Hpl., Margam Road, Port Talbot, Glam	Port Talbot 181	D. J. Davies, M.B., B.S. (Med. Officer-in-charge) Miss G. E. Budd				44						44		
Tonna Isolation Hpl., Tonna, Near Neath, Glam	Neath 474	H. R. Stubbins, M.D., M.B., CH.B., D.P.H. (Med. Officer-in-charge) Miss R. Vernal				67						67		
Cymla T.B. Hpl., Cymla, Neath, Glam	Neath 218	R. G. Prosser-Evans, M.R.C.S., L.R.C.P. (Med. Supt.) Miss B. George					76					76		n, u
T.B. Clinic, Old Cottage Hpl., Bridgend, Glam	Bridgend 345	H. Trail, M.B., CH.B. (Med. Supt.)												
T.B. Clinic, 107, London Road, Neath, Glam	Neath 278	R. G. Prosser-Evans, M.R.C.S., L.R.C.P. (Med. Supt.)												
T.B. Visiting Station, Maternity and Child Welfare Clinic, Pontycymmer, Glam	.	H. Trail, M.B., CH.B. (Med. Supt.)												
T.B. Clinic, Maternity and Child Welfare Clinic, Maesteg, Glam	Maesteg 345	H. Trail, M.B., CH.B. (Med. Supt.)												
V.D. Clinic, Opposite G.W.R. Station, Port Talbot, Glam		Dr. R. Simon (Med. Supt.)												
TOTAL BED COMPLEMENT			658	117	152	245	76					1,248		

9. Glentawe Hospital Management Committee

Secretary: O. C. HOWELLS, F.H.A.,
Swansea Hpl.
Finance Officer: T. E. JONES, F.I.M.T.A.,
Swansea Hpl.

Chairman: W. EVANS, J.P.,
12, Mansell Street, Gowerton, Swansea, Glam.
Engineer: H. F. H. DOLLING, M.I.M.A.R.E.,
Swansea Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes		
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.	
Swansea Hpl., St. Helen's Road, Swansea, Glam	Swansea 2001	O. C. Howells, F.H.A. Miss E. A. Smith	267										333		a, l, t, u, v. *Conva- lescent.
Mount Pleasant Hpl., Swansea, Glam	Swansea 3282	S. Bevan, F.H.A. Dr. Ben Thomas (Med. Supt.) Miss C. Davies (Supt. Nurse)	84	3	73	12	24	80		215†			491		x, y. † Part III accommodation
Amman Valley Cottage Hpl. Glanamman, Glam	Glanamman 26	D. Davies Miss L. A. Davies	30	11									41		u
Hill House Hpl., Swansea, Glam	Swansea 88171	Dr. Idwal Pugh (Med. Supt.) Miss M. Arthur	24			94							118		j
Cwmllwyd Hpl., Swansea, Glam	Swansea 88222	—													Closed
Stouthall Maternity Hpl., Reynoldston, Gower, Glam	Reynoldston 57	Miss K. Wells (Matron)		23									23		o
Fairwood Maternity Hpl., Killay, Swansea, Glam	Swansea 88192	Miss K. Wells (Matron)		27									27		
Gorseinon Hpl., Gorseinon, Glam	Gorseinon 252	C. J. Davies Miss I. Phillips	44	10								6	60		c, u
Gargoch Isolation Hpl., Fforestfach, Swansea, Glam	Gorseinon 21	Miss L. Dennis (Matron)				32							32		n
Morrison Hpl., Morrison, Swansea, Glam	Swansea 7221	Dr. Duncan Davies (Med. Supt.) Miss C. A. Evans	348	18			84						450		a, d, l, n, u
Clydach Hpl., Clydach, Glam	Clydach 2260	Miss E. E. Bevan (Matron)	24								1		25		
Gellinudd Isolation Hpl., Pontardawe, Glam	Pontardawe 2221	Miss M. Rhys Williams (Matron)				28							28		

9. Glantawe Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										P.P.	Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total			
Llanelli Hpl., Marble Hall Road, Llanelli, Carmarthen	Llanelli 1077	Admin. Officer (vacant) Miss M. David	114												a, l, n, u, v
Adelina Patti T.B. Hpl., Penycae, Swansea Valley, Glam	Abercrane 205	Dr. D. Ivor Williams (Med. Supt.) Miss M. B. H. N. Knox-Thomas					132								"
Chest Clinic, Bayview, Capel Road, Llanelli, Carmarthen	Llanelli 835	Dr. J. T. Jones (Med. Supt.)													"
Chest Clinic, 10, Grove Place, Swansea, Glam	Swansea 3258	Dr. T. W. Davies (Med. Supt.)													"
T.B. Visiting Station, Ynisdwrw House, Pontardawe, Glam (attached to Swansea Chest Clinic)	—	Dr. T. W. Davies (Med. Supt.)													"
T.B. Clinic, 24, Quay Street, Ammanford Carmarthen (attached to Llanelli Chest Clinic)	—	—													"
V.D. Clinic, Eaton House, Eaton Crescent, Swansea, Glam	Swansea 5085	—													"
Bryntirion Hpl., Llanelli, Carmarthen	Llanelli 129	T. J. King Dr. Oscar Williams (Med. Supt.) Mrs. O. King		1	143							3			147
Glasfryn Maternity Hpl., Llanelli, Carmarthen	Llanelli 228	Miss M. Rees (Matron) TOTAL BED COMPLEMENT		11											11
			935	104	216	166	240	80	3	281	7				2,032

10. West Wales Hospital Management Committee

Secretary and Supplies Officer: A. W. YOUNGS, F.H.A., F.C.I.S.,
New Hpl.

Chairman: Rev. B. WALDO-LEWIS, B.A.,
Briarleigh, Longacre Road, Carmarthen

Finance Officer: T. W. JOSHUA, A.S.A.A.,
New Hpl.

Engineer: D. J. WILLIAMS, M.I.H.E.,
New Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
West Wales General Hpl., Carmarthen	Carmarthen 421	A. W. Young, F.H.A., F.C.I.S. Miss E. Miles	72	21							9	102		a, l, u, v
New Hpl. Branch, Carmarthen	Carmarthen 7433	A. W. Youngs, F.H.A., F.C.I.S.												
Llandovery Cottage Hpl., Llandovery, Carmarthen	Llandovery 22	D. J. Rees Miss S. Bassett	8									8		"
Cardigan and District Hpl., Cardigan	Cardigan 14	Miss I. Lloyd Miss I. Rowlands, S.R.N., S.C.M.	26	8								34	2	u, v
Llwyncwtha Isolation Hpl., Upper Tumble, Near Llanelly, Carmarthen	Tumble 43	Rees Evans, M.D., D.P.H. (Med. Supt.) Miss B. E. Coward				62						62		
Pembroke County War Memorial Hpl. (1), Haverfordwest, Pems	Haverfordwest 14	G. C. Morgan, F.H.A., F.C.I.S. Miss C. Parfitt, S.R.N., S.F.N., S.C.M.	114	23	64							201	10	a, l, u, v
Tenby Cottage Hpl. (1), Tenby, Pems	Tenby 40	Miss M. Codd Miss D. M. Williams, S.R.N., S.C.M.	15	1								16	2	"
Pembroke Cottage Hpl. (1), East Back, Pembroke	Pembroke 261	Miss O. Williams Mrs. W. A. Iredale, S.R.N.	10									10	2	
Meyrick Hpl. (1), Park Street, Pembroke Dock	Pembroke Dock 37	Miss O. Williams Miss K. Richards, S.R.N., S.C.M.	10	6								16		
County Isolation Hpl., Pembroke	Pembroke Dock 80	Julius Gordon, M.B., Ch.B. (Med. Supt.) Miss M. B. Davidson, S.R.N., S.F.N., S.C.M.				21						21		
Priory Mount, Haverfordwest, Pems	Haverfordwest 193	E. J. H. Brunning Mrs. E. J. H. Brunning		17	64						81			162

10. West Wales Hospital Management Committee—Cont.

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11. Mid-Wales Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Tanybwch Isolation Hpl., Tanybwch, Aberystwyth, Cardiganshire	Aberystwyth 487	Dr. Ernest Jones (Med. Supt.) Miss Irene Baird				34							34	
Aberayron Cottage Hpl., Aberayron, Cardiganshire	Aberayron 225	E. Ll. Davies (Med. Supt.) Miss E. A. Jones	9										9	
Machynlleth District Hpl., Machynlleth, Mont	Machynlleth 40	R. Glyn Jones Miss E. Owen	11	3									14	
Llanidloes and District Hpl., Llanidloes, Mont	Llanidloes 217	W. Savage-Roberts, A.H.A. Miss M. Hepburn	13	3									16	
Montgomery County Inf., Newtown, Mont		J. C. Rees Miss W. M. Morris	29	6									35	"
Mochdre Smallpox Hospital, Newtown, Mont														
Towyn and District War Memorial Hpl., Towyn, Merionethshire	Towyn 316	Miss E. Jones (Matron)	13	5									18	
Llanegryn Hpl., Llanegryn, Towyn, Merionethshire														
Orthopaedic Clinic, Machynlleth, Mont														
Orthopaedic Clinic, Wesleyan Chapel Schoolroom, Newtown, Mont														
Machynlleth T.B. Hpl., Machynlleth, Mont	Machynlleth 24	Dr. M. I. Jackson (Med. Supt.) Miss E. W. Jones					32						32	
T.B. Hpl., Tregaron, Cardiganshire	Tregaron 3	Dr. J. Kenyon Davies (Med. Supt.) Mrs. M. Parry Williams					34						34	
T.B. Clinic, County Inf., Newtown, Mont														
V.D. Clinic, Aberystwyth, Cardiganshire	Aberystwyth 572	Dr. Ernest Jones (Med. Supt.)												
TOTAL BED COMPLEMENT			181	39	40	34	66						360	

11. Mid-Wales Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution		Telephone	Name of Authority owning Institution	No. of beds provided for H.M.C.
Lampeter Welfare Home, Temple Buildings, Lampeter		Lampeter 65	Cardiganshire County Council	18

12. Caernarvon and Anglesey Hospital Management Committee

Secretary and Supplies Officer: H. HEWITT COOKE, A.H.A.,
" Plas Gwyn ", Ffriddoedd Road, Bangor, Caernarvon
Tel.: Bangor 1004

Chairman: T. McDONALD,
The Great Orme Hotel, Gwynant,
Penrhyn Bay, Llandudno, Caernarvon

Finance Officer: E. ALBINSON,
" Plas Gwyn ", Ffriddoedd Road,
Bangor, Caernarvon

Hospital	Telephone	Senior Officers	Bed Complement										Notes		
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.	
Caernarvon & Anglesey General Hpl. (1), Bangor, Caernarvon	Bangor 490	F. Morgan Jones, A.H.A. Miss G. A. Davies	127								32*	8	167		a, l, u, v. ● Convalescent
County Hpl. (1), Bangor, Caernarvon	Bangor 334/6	H. Hewitt-Cook, A.H.A. Miss Jane Owen, S.R.N., R.F.N., S.C.M.	55	50								10	115		p
Bangor Isolation Hpl. (4), Bangor, Caernarvon	Bangor 28	O. Meurig Roberts Miss M. Winter, R.F.N.				32							32		n
Grosynydd Hpl. (5), Conway, Caernarvon	Conway 2156	Miss E. L. Williams Dr. W. Thomas (Med. Supt.) Miss P. Jay, S.R.N.				20 30							20 30		u
Llandudno General Hpl. (5), Llandudno, Caernarvon	Llandudno 7471/2	Miss E. L. Williams Miss M. E. Hughes	58									12	70		u
Llandudno Maternity Home (5), War Memorial Welfare Centre, Oxford Road, Llandudno, Caernarvon	Llandudno 6990	Miss E. L. Williams Miss A. Lyon		6									6		n
Llandudno Isolation Hpl. (5), Llandudno, Caernarvon	Llandudno 7033	Miss E. L. Williams Miss E. P. Hughes, R.F.N.				1 35							1 35		
Stanley Sailors Hpl. (2), Salt Island, Holyhead, Anglesey	Holyhead 384	H. Glynne Jones Miss C. A. Jones, S.R.N., C.M.B.	25									3	28		

12. Caernarvon and Anglesey Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement									
			Acute	Mai.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total
Gors Maternity Home (2), Holyhead, Anglesey	Holyhead 328	H. Glynn Jones Miss B. Evans, S.R.N., S.C.M.		17								17
Valley Hpl. (3), Valley, Holyhead, Anglesey	Valley 211	M. Wesley Mrs. O. Wesley, R.M.P.A.			74			16				90
Conway Hpl. (3), Bangor Road, Conway, Caernarvonshire	Conway 2108	R. Pugh Lewis Mrs. S. E. Lewis			75 22							75 22
Druid Hpl. (3), Llangefni, Anglesey	Llangefni 148	M. Wesley Dr. G. Llywelyn Jones (Med. Supt.) Miss C. Griffiths, S.R.N., S.C.M.				48						48
Caernarvon Cottage Hpl. (4), St. David's Road, Caernarvon	Caernarvon 200	O. Meurig Roberts Miss E. D. Hughes	12							2		14
Galltysil Hpl. (4), Caernarvon	Caernarvon 8	O. Meurig Roberts Dr. Hilton Parry, M.C. (Med. Supt.) Miss A. C. Jones, S.R.N., S.C.M., S.R.F.N.	32			16 16						48 16
Ffestiniog & District Hpl. (1), Blaenau Ffestiniog, Merionethshire	Ffestiniog 56	R. J. Parry Miss Mary Ellis, S.R.N.	20									20
Madoc Memorial Hpl. (1), Portmadoc, Caernarvonshire	Portmadoc 2255	R. J. Parry Miss B. Roberts, S.R.N.	16									16
Ty Nanney Maternity Home (1), Tremadoc	Portmadoc 2143	R. J. Parry Miss M. Thomas		5								5
Bryn Beryl Hpl.												
Pwllheli Hpl. Afa Road, Pwllheli, Caernarvonshire	Pwllheli 118	R. O. Williams Dr. W. Charles Evans (Med. Supt.) Miss A. M. Jones			38							38
Orthopaedic Clinic, Blaenau Ffestiniog, Merionethshire												
Llangefni Sanatorium (1), Llangefni, Anglesey	Llangefni 17	M. Wesley Dr. J. Glynn Jones, M.A., M.D., M.R.C.S., L.R.C.P. (Med. Supt.) Miss M. Roberts, S.R.N., S.C.M.					30					30

Not yet open

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12. Caernarvon and Anglesey Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Penhesgyn Open-Air Home (4), Menai Bridge, Anglesey	Menai Bridge 15	O. Meurig Roberts Dr. J. Glyn Jones, M.A., M.D., M.R.C.S., L.R.C.P. (Med. Supt.) Miss M. MacGregor					16					16		
							38						38	
Bryn Seiont Sanatorium (4), Caernarvon	Caernarvon 126	O. Meurig Roberts Dr. J. Glyn Jones, M.A., M.D., M.R.C.S., L.R.C.P. (Med. Supt.) Miss Gwen Evans												
T.B. Dispensary & Clinic, 9 & 10, Abbey Road, Bangor, Caernarvonshire	Bangor 126	Dr. J. Glyn Jones (Med. Supt.)												
T.B. Dispensary & Clinic, Glyn, South Beach, Pwllheli Caernarvonshire		Dr. J. Glyn Jones (Med. Supt.)												
T.B. Dispensary & Clinic, Wynn Road, & Glynllifon Street, Blaenau Ffestiniog, Merionethshire	Ffestiniog 24	Dr. M. I. Jackson (Med. Supt.)												
T.B. Clinic, Caernarvon		Dr. J. Glyn Jones (Med. Supt.)												
T.B. Visiting Station, Holyhead, Anglesey		Dr. J. Glyn Jones (Med. Supt.)												
T.B. Visiting Station, Amlwch, Anglesey		Dr. J. Glyn Jones (Med. Supt.)												
Eryri Hpl., Caernarvon	Caernarvon 80	M. R. Hughes Miss E. A. Crewe	3	2	73				35	75		186 2		*
			348	78 2	260 22	117 81	84	16	35	107	35	1080 105		
TOTAL BED COMPLEMENT														

SUB-GROUPING

(1) Ffestiniog District Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—R. J. PARRY, Ffestiniog & District Hpl.
(2) Holyhead Area Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—H. GLYNNE JONES, Golden Eagle Bldgs., Holyhead
(3) Anglesey Sub-Group ...	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—M. WESLEY, Valley Inf.
(4) Bangor & Caernarvon Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—M. ROBERTS, Plas Gwyn, Ffriddoedd Rd., Bangor
(5) Llandudno Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	Senior Administrative Officer:—Miss E. L. WILLIAMS, Llandudno & District Hpl.

12. Caernarvon and Anglesey Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS
In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for H.M.C.
Llys Ednyfed, Penrhyndeudraeth (4)	Penrhyndeudraeth 310	Merionethshire C.C.	37

13. Clwyd and Deeside Hospital Management Committee

Secretary and Supplies Officer: W. ROBERTS,
Royal Alexandra Hpl.
Finance Officer: K. W. THOMAS, A.H.A., A.I.M.T.A., A.C.W.A.,
Royal Alexandra Hpl.
Chairman: H. T. EDWARDS,
Transport House, Chester Road,
Shotton, Flint
Engineer: F. R. WILSON,
Royal Alexandra Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Colwyn Bay and West Denbighshire Hpl., Hesketh Road, Colwyn Bay, Denbighshire	Colwyn Bay 5218	R. E. Salisbury Miss H. McCrea	53								7	60		m, n
Bronynant Isolation Hpl., Colwyn Bay, Denbighshire	Colwyn Bay 4277	Miss G. Williams (Matron)				14						14		
Colwyn Bay Maternity Home, Nantyglyn Road, Colwyn Bay, Denbighshire	Colwyn Bay 2581	Miss M. Hughes (Matron)		23								23		
Prince Edward War Memorial Hpl., Grange Road, Rhyl, Flint	Rhyl 11	Miss M. E. Jones (Matron)	42								9	51		n
Royal Alexandra Children's Hpl., Marine Drive, Rhyl, Flint	Rhyl 32	Miss B. A. Roberts (Matron)	62	1	10					62*	15	150		n, v. *Convalescent
Rhyl Isolation Hpl., Rhyl, Flint		Matron: (vacant)				16						16		
Lluesty Hpl., Holywell, Flint	Holywell 18	K. H. Taylor, A.H.A. Mrs. K. H. Taylor	5		147					53†		205		n. † Part III accom- modation
St. Asaph General Hpl., St. Asaph, Flint	St. Asaph 7	W. F. Morris	59	26	167				18			270		n, x

13. Clwyd and Deeside Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
T.B. Clinic and Dispensary, 27, Edward Henry Street, Rhyl, Flint														
T.B. Clinic, Colwyn Bay, Denbigh														
T.B. Visiting Station, Queensferry, near Chester, Cheshire														
TOTAL BED COMPLEMENT			289	107	324	169	241		18	115	46	1309		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for H.M.C.
Ruthin Social Welfare Institution, Ruthin, Denbigh	Ruthin 88	Denbighshire County Council	52

14. Wrexham Hospital Management Committee

Secretary and Finance Officer: W. JONES, F.H.A.,
Emergency Hpl.

Chairman: RICHARD DAVIES,
"St. Austell", Chester Road, Wrexham

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Emergency Hpl. Croesnewydd Hpl. } Croesnewydd Road, Wrexham, Denbighshire	Wrexham 3027/9	William Jones, F.H.A. Miss D. A. Powell, S.R.N., S.C.M. (Matron) Miss N. Parry, S.R.N., S.C.M. (Matron)	277	25	195						18	515		t, u, v
Wrexham War Memorial Hpl., Rhosddu Road, Wrexham, Denbighshire	Wrexham 2284	Leslie Spencer, F.H.A. Miss J. C. Hague, S.R.N., S.C.M.	154								16	170		a, l, n, v

14. Wrexham Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Wrexham Joint Fever Hpl., Croesnewydd Road, Wrexham, Denbighshire	Wrexham 2497	William Jones, F.H.A. Dr. T. P. Edwards, M.D., D.P.H. (Med. Supt.) Miss J. Sanders, S.R.N., R.F.N., S.C.M.	106									106		"
Chirk and District Cottage Hpl., Chirk, Wrexham, Denbighshire	Chirk 2130	Miss M. Hulse Miss E. K. Atkinson, S.R.N.	26								6	32		"
Llangollen Cottage Hpl., Abbey Road, Llangollen, Denbighshire	Llangollen 2226	C. J. R. Stephens Miss L. M. Price, S.R.N., S.C.M.	6	4								10		"
Mold Cottage Hpl., Mold, Flintshire	Mold 86	H. Jacques Miss W. Coleman, S.R.N., S.C.M.	18								2	20		"
Trevalyn Manor Maternity Hpl., Rossett, Wrexham, Denbighshire	Rossett 146/7	J. T. Pritchard Miss L. Lee, S.R.N., S.C.M.		45		12						45		"
Rhydtalog Smallpox Hpl., Ruthin, Denbighshire												12		
Victoria Memorial Hpl., Welshpool, Montgomeryshire	Welshpool 33	S. G. Shute Miss Gladys Tatham, S.R.N.	11	8							4	23		"
Dolgelley & Barmouth District Hpl., Dolgelley, Merionethshire	Dolgelley 79	Mrs. G. Williams Miss Margaret Hughes, S.R.N.	12								4	16		"
Maternity Home, Barmouth, Merionethshire	Barmouth 217	Mrs. D. I. Jones Miss D. K. Jones, S.C.M.		6								6		"
T.B. Clinic, Grosvenor Road, Wrexham, Denbighshire	Wrexham 2158	H. M. Williams, M.R.C.S., L.R.C.P., D.P.H. (Med. Supt.)												"
T.B. Visiting Station, c/o Mrs. Peake, Westbourne House, Corwen, Merionethshire		M. I. Jackson, M.R.C.S., L.R.C.P. (Med. Supt.)												
T.B. Visiting Station, c/o Mrs. Little, Frondeg, Ffrydan Road, Bala, Merionethshire		M. I. Jackson, M.R.C.S., L.R.C.P. (Med. Supt.)												
Orthopaedic Clinic,* Plas-yn-Rhos, Beech Avenue Rhos, Denbighshire														*Clinical services pro- vided by Robert James and Agnes Hunt Orthopaedic Hpl.

14. Wrexham Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Orthopaedic Clinic,* New Clinic, Shotton, Flintshire														*Clinical services provided by Robert James and Agnes Hunt Orthopaedic Hpl.	
Orthopaedic Clinic,* Capel Mawr Schoolroom, Tegid Street, Bala, Merionethshire															
Orthopaedic Clinic,* Council School, Corwen, Merionethshire															
Orthopaedic Clinic,* Council School, Dolgelley, Merionethshire															
Orthopaedic Clinic,* Welfare Centre, Well Street, Cefn Mawr, Denbighshire															
Orthopaedic Clinic,* County Health Offices, 16, Grosvenor Road, Wrexham, Denbighshire															
Meadowslea Hpl., Penyffordd, Nr. Chester, Cheshire	Caergwrle 12	H. M. Williams, M.R.C.P., L.R.C.P., D.P.H. (Med. Officer) Miss Eva Bowen, S.R.N.					49					49			
TOTAL BED COMPLEMENT			610	88	195	12	49				50	1004			

15. Monmouthshire Mental Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
S. C. DAVIES, F.H.A.,
St. Cadoc's Hpl.

Chairman: Alderman W. CASEY, J.P.,
22, Mendalgief Road, Newport, Mon.
Engineer: G. MILL,
St. Cadoc's Hpl.

St. Cadoc's Hpl., Caerleon, Mon	Caerleon 305	S. C. Davies, F.H.A. G. M. King (Med. Supt.) Miss H. M. Watkins						480				480		f, u, v, w
Monmouthshire Mental Hpl., Abergavenny, Mon	Abergavenny 8	H. Jenkins, A.H.A. D. Ellis Jones (Med. Supt.) Miss O. N. Williams						1280				1280		f, m, n, u, v, w
		TOTAL BED COMPLEMENT						1760				1670		

16. Cardiff Mental Hospital Management Committee

Secretary, Finance Officer and Supplies Officer:
S. M. VAGUE, F.H.A.,
Cardiff Mental Hpl.

Chairman: Councillor Mrs. H. EVANS, J.P.,
5, Penywain Road, Cardiff, Glam.

Engineer: N. COY,
Cardiff Mental Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Cardiff Mental Hpl., Whitchurch, Cardiff, Glam	Whitchurch 856/7	S. M. Vague, F.H.A. T. J. Hennelly, M.D. (Med. Supt.) Miss J. Mowbray	90					649		40		779		f, l, n, u, v, w
Ely Hpl., Cowbridge Road, Cardiff, Glam	Llandaff 460	S.M. Vague, F.H.A. E. Mervyn-Jones, M.R.C.S., L.R.C.P. (Med. Supt.) Miss V. Bunstowe							511			511		n, x, y
		TOTAL BED COMPLEMENT	90					649	511	40		1290		

17. Glamorgan Mental Hospital Management Committee

Secretary, Finance Officer and Supplies Officer: J. B. PARRY,
Angelton, Bridgend, Glam.
Tel.: Bridgend 542

Chairman: Alderman M. W. PAYNE,
Lletai Stores, Pencoeed, Glam.

Glamorgan County Mental Hpl., Bridgend, Glam	Bridgend 8	J. B. Parry D. R. Owen, B.Sc., M.B., B.Ch. (Med. Supt.) Miss G. A. David (Parcgyyllt) Miss E. M. Hawthorne (Angelton)	1815	29*	1844	f, m, n, r, v, w *Convalescent
Hensol Castle, Pontyclun, Glam	Pontyclun 341	Lewis Bevan, F.H.A. Edward Lewis, F.R.F.P. & S.G., L.R.C.P. & S.E. (Med. Supt.) Miss G. A. Jones		560	560	g, m, n, x
Drymma Hall Hpl., Skewen, Nr. Neath, Glam	Skewen 40	Lewis Bevan, F.H.A. Edward Lewis, F.R.F.P. & S.G., L.R.C.P. & S.E. (Med. Supt.) Miss L. Barber		80	80	m, n, x
		TOTAL BED COMPLEMENT	1815	640	2484	

18. Swansea Mental Hospital Management Committee

Secretary: N. MOULSON, M.D., D.P.M.,
Cefn Coed Hpl.

Finance Officer: T. O. MORGAN,
15 Glynderwen Crescent, Sketty, Swansea
Tel.: Swansea 87065

Chairman: Alderman R. GRONOW, J.P.,
Penlan, Sidney Street, Brynhyfryd, Swansea, Glam.

Engineer: W. G. OWEN,
Cefn Coed Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Cefn Coed Hpl., Cockett, Glam	Cockett 58936/7	L. G. Clout, F.H.A., F.C.I.S. N. Moulson, M.D., D.P.M. (Med. Supt.) Miss E. Milne, S.R.N.						633				633		f, m, n, u, v, w
Llwyn Eryr Hpl., Swansea, Glam	Swansea 7441	Mrs. M. D. Samuel N. Moulson, M.D., D.P.M. (Med. Supt.)							30			30		x
TOTAL BED COMPLEMENT.								633	30			663		

19. Carmarthen Mental Hospital Management Committee

Secretary: SIDNEY DAVIES, M.B., B.S., D.P.M.,
St. David's Hpl.

Finance Officer: F. C. L. LEECH,
St. David's Hpl.

Supplies Officer: G. J. LEWIS,
St. David's Hpl.

Engineer: T. W. BARNFATHER
St. David's Hpl.

St. David's Hpl., Carmarthen	Carmarthen 7031	Sidney Davies, M.B., B.S., D.P.M. (Med. Supt.) Mrs. M. M. Lewis						945				945		f, n, v, w
Pantglas Hall, Llanfynydd Road, Carmarthen	Dryslwyn 232	Sidney Davies, M.B., B.S., D.P.M. (Med. Supt.) Miss K. Rogers							124			124		x
TOTAL BED COMPLEMENT								945	124			1069		

20. Mid-Wales Mental Hospital Management Committee

Secretary, Finance Officer and Supplies Officer: GWYN LEWIS,
Mid-Wales Hpl.

Chairman: Councillor T. P. DAVIES,
Belvedere, Llandrindod Wells, Rads.

Engineer: F. W. WILLIAMS,
Mid-Wales Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Mid-Wales Hpl., Talgarth, Breconshire	Talgarth 2	Gwyn Lewis Gordon Diggle, M.B., CH.B., M.R.C.P., D.P.M. (Med. Supt.) Miss M. A. Mawer						403					403		f, v, w
Brynhyfryd Hpl., Forden, Welshpool, Mont		Gwyn Lewis Miss J. Davies							237				237		x
Llys Maldwyn Hpl., Caersws		Gwyn Lewis Mrs. M. E. Humphreys								248			248		x
TOTAL BED COMPLEMENT								403	485				888		

21. North Wales Mental Hospital Management Committee

Secretary and Finance Officer: S. L. FROST, F.H.A.,
North Wales Hpl. for Nervous & Mental Disorders
Denbigh

Chairman: Mrs. K. W. JONES-ROBERTS, B.A., J.P.,
Penrhiw, Ffestiniog, North Wales

Supplies Officer: A. H. LUCAS, A.H.A., A.R.S.N.I.
North Wales Hpl. for Nervous & Mental Disorders

North Wales Hpl. for Nervous & Mental Disorders, Denbigh	Denbigh 7	S. L. Frost, F.H.A. J. H. O. Roberts (Med. Supt.) Miss B. D. Hughes						1360				1360		f, n, v, w
Pool Park Hpl., Ruthin, Nr. Denbigh	Ruthin 104	J. H. O. Roberts (Med. Supt.) Miss B. D. Hughes						99				99		v
Ffronfraith Hpl., Broughton Avenue, Russell Road, Rhyl, Flint	Rhyl 1208	Miss A. E. Fletcher (Matron Supt.)							31			31		x
Coed Du Hall Hpl., Rhydymwyn, Nr. Mold, Flint	Hendre 225	Miss M. P. Elder (Matron Supt.)							74			74		x
Llwyn View Institution, Dolgelley, Merionethshire	Dolgelley 29	W. M. Roberts Matron: (vacant)							51			51		x
Broughton Institution, Nr. Chester, Cheshire									56			56		
TOTAL BED COMPLEMENT								1459	156			1615		
									56			56		

BIRMINGHAM REGION

Area : The administrative counties of Hereford, Salop, Stafford, Warwick and Worcester. The county boroughs of Birmingham, Burton-upon-Trent, Coventry, Dudley, Smethwick, Stoke-on-Trent, Walsall, West Bromwich, Wolverhampton and Worcester.

Population : 4,288,400.

Regional Hospital Board

Address : 10, Augustus Road, Edgbaston, Birmingham, 15

Telephone : Edgbaston 3601/3

Chairman of Board : R. R. Adam (b)

Other Members : (a) N. Duggan, G. V. Grimshaw, Major C. Hotchkiss, J.P., Prof. H. F. Humphreys, O.B.E., M.C., J. J. O'Reilly, Prof. Sir Leonard G. Parsons, Alderman W. T. Smith, J.P. (three vacancies); (b) J. A. Brown, L. A. Dingley, E. T. Hobley, Sir Ernest J. Johnson, J. Latham, R. E. Priestley, M.C., Miss Smaldon, G. A. Thompson, Alderman L. Whitehouse, J.P.; (c) Alderman W. T. Bowen, Alderman A. F. Bradbeer, L. E. Bury, Alderman W. L. Dingley, V. W. Grosvenor, J.P., C. O. Langley, J. H. Sheldon, Prof. A. P. Thomson, M.C., A. J. Watson.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

W. F. NEWSTEAD, F.H.A., F.C.I.I.

Assistant Secretary :

W. F. HAWLEY, B.Sc., D.P.A.

Treasurer :

F. S. ADAMS, A.I.M.T.A., A.S.A.A.

Assistant Treasurer :

H. PAYTON, A.I.M.T.A., A.S.A.A.

Architect :

D. A. GOLDFINCH, F.R.I.B.A., F.R.SAN.I.

Legal Adviser :

T. H. WATERHOUSE, M.A., LL.B.

Senior Admin. Medical Officer :

S. J. SCURLOCK, M.C., O.B.E., M.D., M.S., M.R.C.P.,
F.R.C.S.E.

Psychiatrist :

E. S. STERN, M.A., M.D., M.R.C.P., D.P.M.

Assistant Senior Medical Officer :

C. SEALEY, M.D., D.P.H.

Medical Officer :

C. W. GORDON, M.B., CH.B., D.P.H.

Teaching Hospital within Region : The United Birmingham Hospitals.

BIRMINGHAM REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Mid Staffs (Mental) Hospital Management Committee

Secretary and Finance Officer : E. FLETCHER,
St. George's Hpl.

Chairman : Councillor W. H. FARMER,
Petersmead, Broad Lane, Bradmore,
Wolverhampton, Staffs.

Supplies Officer : W. G. MIDDLETON, F.H.A.,
St. George's Hpl.

Engineer : H. ARMSTRONG,
St. George's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
St. George's Hpl., Stafford	Stafford 318	E. Fletcher T. P. Curran, M.B., B.CH., B.A.O., D.P.M. (Eng.) (Med. Supt.) Miss E. A. Napier, S.R.N.						1104					1104		f, l, n, u, v, w, z
Coton Hill Hpl., Stafford	Stafford 14	E. W. Lees R. MacDonald, O.B.E., M.D. (Edin.), D.P.M. (Camb.) (Med. Supt.) Miss D. H. Taylor						65			65		130		f, n, w, z
		TOTAL BED COMPLEMENT						1169			65		1234		

2. North Staffs (Mental A) Hospital Management Committee

Secretary and Finance Officer : Miss E. LAWTON, F.H.A.,
St. Edward's Hpl.

Chairman : H. BARBER, J.P., C.C.,
"Outlands," Cheddleton, Staffs

St. Edward's Hpl.,
Cheddleton, Nr. Leek, Staffs.

Engineer : J. KAYE,
St. Edward's Hpl.

St. Edward's Hpl., Cheddleton, Nr. Leek, Staffs.	Leek 37	Miss E. Lawton, F.H.A. W. D. Wilkins, M.B., CH.B., D.P.M. (Med. Supt.) Miss A. Pirie						1080 87				1080 87		f, n, m, w,
		TOTAL BED COMPLEMENT						1080 87				1080 87		

3. North Staffs (Mental B) Hospital Management Committee

Secretary, Finance Officer and Supplies Officer: H. HAMMERSLEY, A.H.A.,
Stallington Hall Certified Institution

Chairman: Alderman Mrs. B. E. MEAKIN,
16, Hammersley Street, Birches Head, Hanley,
Stoke-on-Trent, Staffs

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Stallington Hall Hpl., Blythe Bridge, Stoke-on-Trent, Staffs.	Blythe Bridge 2268	H. Hammersley, A.R.A., Dr. T. Crowley (Med. Supt.) Miss J. S. Smith									524 24		g, n, x	
		TOTAL BED COMPLEMENT									524 24			

4. St. Margaret's Hospital Management Committee

Secretary and Supplies Officer : A. T. HORTON, F.H.A.,
St. Margaret's Hpl.

Chairman: Alderman D. CARTWRIGHT,
60, Bell Lane, Bloxwich,
Walsall, Staffs

Finance Officer: R. A. BOWRING,
St. Margaret's Hpl.

Engineer : K. A. PARKER,
St. Margaret's Hpl.

St. Margaret's Hpl., Great Barr Park, Birmingham, 22A	Great Barr 1151/2	A. T. Horton, F.H.A. Dr. D. M. MacMillan (Med. Supt.) Miss L. I. A. Meldrum	27	1342	1369	g, n,
		TOTAL BED COMPLEMENT	27	1342	1369	

5. Birmingham (Mental A) Hospital Management Committee

Secretary and Supplies Officer : R. W. MORTON, F.H.A.,
Winson Green Hpl.

Chairman: Alderman Mrs. A. M. Howes, M.B.E., J.P.,
86, Northleigh Road, Ward End,
Birmingham, 8

Finance Officer: A. F. FULLER, A.H.A.,
Winson Green Hpl.

Engineer: J. GREENHOUGH,
Winson Green Hpl.

			<i>f</i> , <i>w</i> , <i>z</i>	
Winson Green Hospital, Birmingham, 18	Northern 2082/3	R. W. Morton, F.H.A. J. J. O'Reilly, M.B., B.Ch., B.A.O., D.P.M. (Med. Supt.) Miss C. McKay	1096	
'Uffculme,' Convalescent Home, Queens Bridge Road, Kings Heath, Birmingham, 13	South 0164	R. W. Morton, F.H.A. J. J. O'Reilly, M.B., B.Ch., B.A.O., D.P.M. (Med. Supt.) Miss C. McKay	201*	*Convalescent <i>w</i> , <i>z</i> .

5. Birmingham (Mental A) Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Glenthorne Convalescent Home, Kingsbury Road, Erdington, Birmingham, 23	Erdington 0045	R. W. Morton, F.H.A. J. J. O'Reilly, M.B., B.Ch., B.A.O., D.P.M. (Med. Supt.) Miss C. McKay							62*			62		w, z *Convalescent
Winterdyne Estate,† Nr. Tamworth, Staffs.	Tamworth 119							1096		263		1359		†site only
TOTAL BED COMPLEMENT														

6. Birmingham (Mental B) Hospital Management Committee

Secretary : A. H. BUFFHAM, T.D., F.H.A.,
Rubery Hill Mental Hpl.
Finance Officer and Supplies Officer : J. R. THOMAS, A.H.A.,
Rubery Hill Mental Hpl.
Chairman : D. RHYDDERCH, J.P.,
Woodside, Mucklows Hill, Halesowen, Nr. Birmingham
Engineer : J. E. TURNER, L.R.I.B.A.,
Hollymoor Hpl.

Rubery Hill Hpl., Rubery Hill, Birmingham, 31	Rubery 4	A. H. Buffham, T.D., F.H.A. T. C. Graves, M.D., (Med. Supt.) Miss E. A. Davies, A.R.R.C.						1075				1075		c, e, f, l, n, v, w, z
Hollymoor Hpl., Northfield, Birmingham, 31	Priory 2271	A. H. Buffham, T.D., F.H.A. Dr. C. M. Ross (Med. Supt.) Miss J. E. Rowley						590				590		f, l, n, v, w, z
TOTAL BED COMPLEMENT								1075 590				1075 590		

7. Birmingham (Mental C) Hospital Management Committee

Secretary and Supplies Officer : T. L. WALTON, F.H.A.,
Highcroft Hall Hpl.
Finance Officer : D. G. BROWN, D.P.A., A.H.A.,
Highcroft Hall Hpl.
Chairman: COUNCILLOR MRS. A. F. WOOD, J.P.,
27, World's End Road,
Birmingham, 20.
Engineer : (n.y.a.)

Highcroft Hall Hpl., Highcroft Road, Erdington, Birmingham, 23	Erdington 2211	T. L. Walton, F.H.A. Dr. Hugh T. Kirkland (Med. Supt.) Miss L. Bettanay						1313	36			1349		c, f, l, u, v, x, y, z
TOTAL BED COMPLEMENT								1313	36			1349		

8. Birmingham (Mental D) Hospital Management Committee

Secretary and Supplies Officer : R. J. PEPPER, F.H.A.,
Monyhull Hall

Chairman : Councillor L. G. SEYMOUR,
28, Russell Road, Moseley, Birmingham, 13

Finance Officer : D. H. O'DELL, A.H.A., F.C.I.S.,
Monyhull Hall

Engineer : J. T. SILVESTER, M.R.S.A.N.I.,
Monyhull Hall

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Monyhull Hall, Kings Heath, Birmingham, 14	Highbury 2271	R. J. Pepper, F.H.A. Dr. C. J. C. Earl (Med. Supt.) Miss M. S. J. Parsons							886			886		c, e, g, n, x
The Laurels Hpl., Monyhull Hall Road, Birmingham, 14	Highbury 2271													x Beds included under Monyhull Hall
Middlefield Hall, Knowle, Warwicks.		S. H. Thornton Miss E. J. Smith							254			254		g, x
Highfield Hpl., Station Road, Knowle, Warwicks.	Knowle 2716	Miss D. O. Hall							42			42		x Beds included under Monyhull Hall
Agatha Stacey House, Eachway Lane, Rednal, Birmingham														x
TOTAL BED COMPLEMENT									1182			1182		

9. Birmingham (Mental E) Hospital Management Committee

Secretary, Finance Officer and Supplies Officer :
A. P. BOREHAM, F.H.A.
Coleshill Hall

Chairman : Councillor Dr. B. A. FETHERSTONE DILKE, M.B.E.,
Maxtoke Castle, Coleshill, Warwicks

Engineer : (vacant)

Coleshill Hall Institution, Coleshill, Nr. Birmingham	Coleshill 2207	A. P. Boreham, F.H.A. H. Freize-Stephens (Med. Supt.) Miss F. Isherwood							458			458		c, e, g, l, n, x
Marston Green Homes, Marston Green, Nr. Birmingham	Marston Green 2287	A. P. Boreham, F.H.A. H. Freize-Stephens (Med. Supt.) Miss M. M. Foster							620			620		c, e, l, n, v, x
Weston Colony, Weston-under-Weatherley Nr. Leamington Spa, Warwicks	Marton 221	A. P. Boreham, F.H.A. H. B. Leech (Med. Supt.) Mrs. G. Smith							190			190		n, x
TOTAL BED COMPLEMENT									1268			1268		

10. Herefordshire Hospital Management Committee

Secretary and Supplies Officer : A. D. EDMUNDS, M.B.E., A.H.A.,
Ward 4, County Hpl., Hereford.
Tel. : Hereford 2522; Ext. 19

Chairman : Capt. L. H. GREEN, M.B.E., J.P., D.L.,
The Whittern, Lyonshall, Kington, Hereford
Tel. : Hereford 2522; Ext. 18

Finance Officer : A. H. BEDDING, A.I.M.T.A., A.S.A.A.,
Ward 4, County Hpl., Hereford.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
General Hpl., Nelson Street, Hereford	Hereford 2561	T. W. Upton Miss E. M. Cordery	132								22	154		a, l, v
	Hereford 2522	W. H. Jones Mr. P. Brown (Med. Supt.) Miss C. M. Wheeler	213	48	60		12					333		a, d, l, n, p, v
Burghill Mental Hpl., Burghill, Nr. Hereford		E. G. Abel, F.H.A. Dr. T. E. Burrows (Med. Supt.) Miss F. Campbell						638				638		f, l, w, z
Holme Lacey Mental Hpl., Holme Lacey, Nr. Hereford		E. G. Abel, F.H.A. Dr. I. E. Burrows (Med. Supt.) Miss F. Campbell												w, z Beds included under Burghill Mental Hpl.
Victoria Eye Hpl., Eign Street, Hereford	Hereford 2076	A. D. Edmunds, M.B.E., A.H.A. Mrs. L. B. Beavan	21								2	23		
Ledbury Cottage Hpl., The Homend, Ledbury, Herefords.	Ledbury 11	A. D. Edmunds, M.B.E., A.H.A. Miss G. Wheeler	10								2	12		
Leominster & District Hpl., South Street, Leominster, Herefords.	Leominster 46	A. D. Edmunds, M.B.E., A.H.A. Miss A. E. Lewis	13								3	16		
Ross Cottage Hpl., Ross-on-Wye, Herefords.	Ross-on-Wye 22	A. D. Edmunds, M.B.E., A.H.A. Miss E. Findlay	12								3	15		
Victoria Cottage Hpl., Victoria Road, Kington, Herefords.	Kington 17	A. D. Edmunds, M.B.E., A.H.A. Miss B. Mee	11									11		
Hereford City Infectious Diseases Hpl., Tupsley, Herefords.	Hereford 2133	A. D. Edmunds, M.B.E., A.H.A. Miss G. M. Davies				39						39		
Hereford City Smallpox Hpl., Tupsley, Herefords	Hereford 2133	A. D. Edmunds, M.B.E., A.H.A. Miss G. M. Davies				12						12		
Hereford Rural District Diseases Hpl., Burghill, Nr. Hereford	Burghill 2	A. D. Edmunds, M.B.E., A.H.A. Miss I. K. Hammond				43						43		

w, z Beds included
under Burghill Men-
tal Hpl.

10. Herefordshire Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Isolation Hpl., Burley, Worcester	Bromyard 84	A. D. Edmunds, M.B.E., A.H.A. Miss I. K. Hammond				8							8		
T.B. Clinic, County Hospital, Hereford	Hereford 2522	A. D. Edmunds, M.B.E., A.H.A. Dr. T. V. R. Philip (Clinical Officer)													
V.D. Clinic, County Hpl., Hereford	Hereford 2522	W. M. Jones Mr. P. Brown (Med. Supt.) Miss C. M. Wheeler													
Orthopaedic Clinic, County Hpl., Hereford	Hereford 2522														
Orthopaedic Clinic, B.R.C.S. Building, Leominster															
Orthopaedic Clinic, B.R.C.S. Building, Hereford															
Bromyard Hpl., Bromyard, Herefords	Bromyard 26	H. C. Gould Mrs. Gould			70								70		x
Alton Street Hpl., Ross-on-Wye, Herefords	Ross-on-Wye 213	R. W. P. Roff Mrs. G. Roff		4	40								40		x
TOTAL BED COMPLEMENT			412	52	170	102	12	638	40		32	1458			

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

<i>Name and Address of Institution</i>	<i>Telephone</i>	<i>Name of Authority owning Institution</i>	<i>No. of Beds provided for H.M.C.</i>
Kingswood Hall, Kington, Herefords.	Kington 9	Herefordshire County Council	22
The Old Priory, Leominster, Herefords.	Leominster 126	Herefordshire County Council	32

11. South Worcestershire Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Powick Mental Hpl., Powick, Nr. Worcester	Powick 318	L. Hiscock, F.H.A. H. F. Fenton, M.B., CH.B. (Med. Supt.) Miss M. M. Arthur						1040					1040		f, l, v, w, z
T.B. Dispensary, Bank Street, Worcester	Worcester 2347														
T.B. Dispensary, Shire Hall, Worcester	Worcester 3400														
Avonside Hpl., Evesham, Worcs	Evesham 6265	E. E. Evans Mrs. E. E. Evans		29	163 58				4				196 58		l, n, x
Avenbury Maternity Home, Avenbury, Park View Terrace Worcester	Worcester 5083	J. S. Rippier, F.H.A. A. J. B. Griffin, M.B., B.CH., D.P.H. (Med. Supt.) Miss L. V. Dodds		10									10		
Malvern Isolation Hpl., Half Key, Malvern, Worcs	Malvern 696	J. S. Rippier, F.H.A. Miss M. E. Tilt				32							32		
Southbank Nursing Home, Bath Road, Worcester	Worcester 4265	J. S. Rippier, F.H.A. Miss Susan Buddle										24	24		
TOTAL BED COMPLEMENT			365	48	163 58	110 96	47	1040	4	38	45	1860 154	4		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Shrub Hill Inf., Worcester	Worcester 5420	Worcester County Borough	132

12. Mid-Worcestershire Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Blackwell Convalescent Home, Nr. Bromsgrove, Worcs.	Hillside 1195	Miss R. P. Finch, S.R.N., S.C.M. (Matron)											99		n. *Convalescent
St. John's Brine Bath Hpl., St. Peter's Walk, Droitwich, Worcs.	Droitwich 3287	Miss G. B. Martin, S.R.N. (Matron)	64										64		n
The Croft Hpl., Sutton Park Road, Kidderminster, Worcs.	Kidderminster 3286	Miss E. M. Bruce, S.R.N., S.C.M. (Matron)		16									16		n
T.B. Dispensary, Recreation Road, Bromsgrove, Worcs.	Bromsgrove 2848														
T.B. Dispensary, The Old Vicarage, Redditch, Worcs.	Redditch 557														
Orthopaedic Clinic, The Old Vicarage, Redditch, Worcs.	Redditch 557														
Blakebrook County Hpl., Sutton Road, Kidderminster, Worcs.	Kidderminster 2026	A. J. Burton Mrs. E. Burton, S.R.N., S.C.M.		13	307.								320		n, x
Rigby Hall Hpl., Bromsgrove, Worcs.	Bromsgrove 2066	Miss D. Hull, S.R.N., S.C.M. (Matron)		16									16		n
		TOTAL BED COMPLEMENT	350	65	557	57	19	750					99	1897	

13. **Burton-on-Trent Hospital Management Committee**

Secretary: J. E. SMITH, A.H.A.,
The Infirmary, Burton-upon-Trent, Staffs.
Tel.: Burton-on-Trent 3908

Finance Officer: H. BOYCE, A.H.A.,
General Infirmary, Burton-upon-Trent, Staffs.
Tel.: Burton-on-Trent 3908

Chairman: Alderman W. Hutson, J.P.,
37, Calais Road,
Burton-upon-Trent, Staffs.

Supplies Officer: J. E. SMITH, A.H.A.
General Infirmary, Burton-upon-Trent, Staffs.
Tel.: Burton-on-Trent 3908

Engineer: (vacant)

[illegible]

Stats.
(Part of the General Inf.)

14. South Warwickshire Hospital (No. 14) Group Management Committee

Secretary: W. A. JAMES, F.H.A., F.C.C.S.,
87, Radford Road, Leamington Spa, Warwicks.
Tel.: Leamington Spa 1406/7

Finance Officer: A. A. PASCOE, F.H.A., F.C.I.S., A.R.S.A.N.I.
87, Radford Road, Leamington Spa, Warwick

Chairman: Capt. W. L. DINGLEY
Whitegates, Welford-on-Avon,
Stratford-on-Avon,
Warwicks

Supplies Officer: A. E. REED,
87, Radford Road, Leamington Spa, Warwick

Engineer: R. E. ROGERS, M.I.MAR.E.,
87, Radford Road, Leamington Spa, Warwick

[illegible]

14. South Warwickshire Hospital (No. 14) Group Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Monroe Devis Maternity Home, Tiddington Road, Stratford-on-Avon, Warwicks.	Stratford-on-Avon 2784	Miss V. Wells Mrs. C. E. Middleton, S.R.N., S.C.M.		24								24		n
Stratford Isolation Hpl., Birmingham Road, Stratford-on-Avon, Warwicks.	Stratford-on-Avon 2690	Miss V. Wells Dr. L. O. Fyfe, F.R.C.P.S., D.P.H. (Camb.) (Med. Supt.) Mrs. E. M. Lewis, S.R.N., S.C.M.				15 35						15 35		n
Central Hpl., Hatton, Nr. Warwick.	Warwick 35	F. T. Harvey, A.H.A. Dr. E. S. Stern, M.A., M.D., B.CH. (Camb.), M.R.C.P. (Lond.), M.R.C.S. (Eng.), D.P.M. (Med. Supt.) Miss V. A. Spratley S.R.N. S.C.M.						1553				1553		f, l, n, w, z
T.B. Dispensary 6 Portland Street, Leamington Spa, Warwicks.	Leamington Spa 1572	R. J. Cyriax M.D. (Brux.) M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Med. Supt.)												u
T.B. Dispensary 47, Henley Street, Stratford-on-Avon, Warwicks.		R. J. Cyriax, M.D. (Brux.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Med. Supt.)												u
Warwick Hpl., 91, Lakin Road, Warwick.	Warwick 760	R. Pickerill, F.H.A. D. R. Rigg, M.B., CH.B. (Med. Supt.) Miss H. Knight, S.R.N., S.C.M.	212 132	10	38				24		1	284 133		a, l, n, u, v, x
		TOTAL BED COMPLEMENT	463 200	88	222 22	30 100	191 44	1555	24		13 6	2586 372	1	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Alcester Institution, Alcester, Warwickshire	Alcester 70 Alcester 164 (Sick Accommodation)	Warwickshire County Council	64
Shipston-on-Stour Institution, Shipston-on-Stour, Warwicks.	Shipston-on-Stour 27	Warwickshire County Council	64

15. Shrewsbury Hospital Management Committee

Secretary: J. P. MALLETT, A.H.A., F.I.A.C., F.C.C.S.,
Royal Salop Inf.
Finance Officer: E. DILWORTH,
Cophorne Hpl.

(Chairman: J. E. SIXSMITH,
Providence Grove, Hadnall, Salop

Supplies Officer: F. H. FOSTER, A.H.A.,
Cophorne Hpl.
Engineer: (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Royal Salop Inf., Shrewsbury, Salop	Shrewsbury 2056/7	J. P. Mallett, F.H.A., F.I.A.C., F.C.C.S. Miss L. A. D. Evans	211	12							17	240		a, l, v
Eye, Ear & Throat Hpl. for Shropshire & Wales, Murivance, Shrewsbury, Salop	Shrewsbury 3683	G. O. Pearl, A.H.A. Miss H. Robson									70	70		
Copthorne Hpl., Mytton Oak Road, Shrewsbury, Salop	Shrewsbury 4641	J. P. Mallett, F.H.A., F.I.A.C., F.C.C.S. Miss L. A. D. Evans	50		50					150		100 150		l
Ludlow Cottage Hpl., College Street, Ludlow, Salop	Ludlow 96	W. Hamer Miss M. A. Clifford	20								1	21		l
Cross Houses Hpl., Shrewsbury, Salop	Cross Houses 242	G. O. Pearl, A.H.A. Miss O. Wainwright	137	33			13					183		c, l
St. Catherine's Clun Valley Cottage Hpl., Clun, Salop	Clun 213	W. Hamer Mrs. M. Swain		6								6		
Shirlett Sanatorium, Nr. Broseley, Salop	Much Wenlock 230	J. P. Mallett, F.H.A., F.I.A.C. F.C.C.S. Dr. C. G. Whyte (Med. Supt.) Miss C. A. Coghlan					70					70		
Monk Moor Infectious Diseases Hpl., Shrewsbury, Salop	Shrewsbury 2510	W. L. Rowson Miss P. Howells					54					54		
Wellington & District Cottage Hpl., Wellington, Salop	Wellington 107	W. Hamer Miss A. M. George								19		19		
Market Drayton Cottage Hpl., Shrewsbury Street, Market Drayton, Salop	Market Drayton 2146	W. L. Rowson Miss L. A. D. Evans								18*		18		*Convalescent
Oswestry & District Hpl., Upper Brook Street, Oswestry, Salop	Oswestry 66	F. W. Middleditch Miss M. P. Joyce	27	11							5	43		

15. Shrewsbury Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Orthopaedic Clinic, Oswestry														
Orthopaedic Clinic, Wellington														
Orthopaedic Clinic, Ludlow														
Orthopaedic Clinic, Market Drayton														
Orthopaedic Clinic, Whitchurch														
Orthopaedic Clinic, Oakengates														
Orthopaedic Clinic, Craven Arms														
V.D. Clinic, Shrewsbury														
V.D. Clinic, Oswestry														
East Hamlet Hpl., Ludlow, Salop	Ludlow 205	E. Wilkins Mrs. C. S. Brown		8	131		4		2			145		
Deermoss Hpl., Whitchurch, Salop	Whitchurch 200	J. Wilson Mrs. M. Wilson			91							91		
Beeches Hpl., Ironbridge, Salop	Ironbridge 2125	T. H. Horsfall (Supt.) Miss M. L. Bennett			110				35	13†		158		l, x. † Part III accomo- dation
Wrekin Hpl., Wellington, Salop	Wellington 105	L. A. Palser A.H.A. (Supt.) Mrs. E. M. Palser	19	23	70	7	10			33†		162		l, n
TOTAL BED COMPLEMENT			488	93	452	34	162	979	37	83 150	97	2425 150		

15, Shrewsbury Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Stone House, Bishops Castle, Shrewsbury		Salop County Council	27
Quarry House, Market Drayton, Salop		Salop County Council	37
Morda House, Oswestry, Salop		Salop County Council	110

16. Wolverhampton Local Management Committee

Secretary: W. COCKBURN, D.S.O., M.C., F.H.A.,
Royal Hpl.

Finance Officer: P. ALCOCK, A.I.C.A.,
Royal Hpl.

Chairman: C. O. LANGLEY, D.L., J.P.,
Brewood Hall, Brewood, Nr. Stafford
Supplies Officer and Engineer: (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Royal Hpl. (4), Cleveland Road, Wolverhampton, Staffs.	Wolver- hampton 21651	W. Cockburn, D.S.O., M.C., F.H.A. Miss K. M. Gray	270 40									270 40		a, d, l, n, q, t, u, v
Penn Childrens' Hpl. (2), St. Catherine's Convalescent Home, The Beeches, Penn Road, Wolverhampton, Staffs.	Wolver- hampton 36179	W. Cockburn, D.S.O., M.C., F.H.A. Miss G. Vaughan	30									30		l, n, t, u, v
Penn Womens' Hpl. (2), The Old House, Penn Road, Wolverhampton, Staffs.	Wolver- hampton 36179	W. Cockburn, D.S.O., M.C., F.H.A. Miss G. Vaughan								12*		12 2		l, n, t, u, v *Convalescent
Royal Womens' Hpl. (3), Park Road West, Wolverhampton, Staffs.	Wolver- hampton 20119	W. Cockburn, D.S.O., M.C., F.H.A. Miss E. L. Graham	42	22								64		l, n, o, t, u, v
Patshull Annexe Hpl. (2), Patshull House, Nr. Wolverhampton, Staffs.	Albrighton 293	W. Cockburn, D.S.O., M.C., F.H.A. Miss F. M. E. Hargreaves	50 10									50 10		l, n, t, u, v
Queen Victoria Nursing Institution (3), Bath Road, Wolverhampton, Staffs.	Wolver- hampton 20823	W. Cockburn, D.S.O., M.C., F.H.A. Miss M. Jones	37	6								43		l, n, t, u, v

16. **Wolverhampton Local Management Committee—Cont.**

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16. Wolverhampton Local Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
V.D. Clinic, Royal Hpl., Cleveland Road, Wolverhampton, Staffs.	Wolver- hampton 21651	W. Cockburn, D.S.O., M.C., F.H.A.												
Park Street Hpl. (1), Park Street, Shifnal, Salop.	Shifnal 19	W. Cockburn, D.S.O., M.C., F.H.A.	3		23								26	
		Mrs. A. Price												
		TOTAL BED COMPLEMENT	815	102	106	40		180	68	36	39	1386		
			84	12		18		12		2		128		

SUB-GROUPING

- (1) Bridgnorth Liaison Committee Sub-Group

(2) Penn Liaison Committee Sub-Group

(3) Women's Liaison Committee Sub-Group

(4) Wolverhampton Liaison Committee Sub-Group
- ...
...
...
...
- Senior Administrative Officer:—W. Cockburn, Royal Hpl., Wolverhampton Hpl.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Innage House (1), Bridgnorth, Salop.	Bridgnorth 2112	Salop County Council	66

17. Dudley, Stourbridge and District Hospital Group Management Committee

Secretary: H. R. HURST, F.H.A., The Guest Hpl.		Chairman: H. SKIDMORE, Hampton Lodge, Stourton, Stourbridge, Worcs.		Supplies Officer: (n.y.a.)		
Finance Officer: C. E. FIELD, A.H.A., The Guest Hpl.		Engineer: D. J. BRAGGINS, The Guest Hpl.,				
The Guest Hpl., Dudley, Worcs.	Dudley 3456	H. R. Hurst, F.H.A. Mrs. M. E. McQuitty	142	14	156	a, l, n
The Limes Sanatorium, Hinley, Nr. Dudley, Worcs.	Wombourne 2205	C. S. Kay, A.H.A. Dr. J. Stevenson (Med. Supt.) Miss G. Rimmer			60 44	n
The Corbett Hpl., Amblecote, Stourbridge, Worcs.	Stourbridge 5176	W. G. H. Weston, F.H.A. Miss E. H. Booth	100	6	106	a, l, n, v
Wordsley Hpl., Wordsley, Nr. Stourbridge, Worcs.	Kingswinford 38	S. Fairfold, A.H.A. Miss S. E. Cox	172 96		333 117	n
Prestwood Sanatorium, Prestwood House, Nr. Stourbridge, Worcs.	Kinver 10	C. S. Kay, A.H.A. Dr. J. Stevenson (Med. Supt.) Miss D. M. Howes			200 25	

17. Dudley, Stourbridge and District Hospital Group Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chv.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Hayley Green Isolation Hpl., Hayley Green, Halesowen, Nr. Birmingham	Halesowen 1002	W. G. H. Weston, F.H.A. Dr. R. L. Corlett (Med. Supt.) Miss M. Jones				46	19				30	65 30		j, n
Mary Stevens Maternity Home, Pedmore, Stourbridge, Worcs.	Stourbridge 5534	W. G. H. Weston, F.H.A. Dr. D. J. Meldon (Med. Supt.) Miss C. E. Winters		20							3	23		n
Edge View Sanatorium, Kinver, Staffs.	Kinver 4	C. S. Kay, A.H.A. Dr. J. Stevenson (Med. Supt.) Miss D. M. Howes					35					35		
T.B. Dispensary, Parsons Street, Dudley, Worcs.	Dudley 2502	Dr. D. J. Loughran (Med. Supt.)												
T.B. Dispensary, Laurel Lane, Halesowen, Nr. Birmingham	Dudley 2034													
Orthopaedic Clinic, The Firs, Dudley, Worcs.	Dudley 3456													
Orthopaedic Clinic The Guest Hpl., Dudley, Worcs.														
Orthopaedic Clinic, 40, New Road, Stourbridge, Worcs.														
V.D. Clinic, The Guest Hpl., Dudley, Worcs.	Dudley 3037	Dr. C. R. Mayou (Med. Supt.)												
V.D. Clinic, The Corbett Hpl., Stourbridge, Worcs.	Stourbridge 5176	Dr. G. Dudley (Med. Sept.)												
Burton Road Hpl., Burton Road, Dudley, Worcs.	Dudley 2243	S. H. Colyer, F.H.A. Dr. W. Tweddell (Med. Supt.) Mrs. L. Colyer	194		467				323			984		l, m (males), n, x, y, z
Rosemary Ednam Maternity Hpl., Burton Road, Dudley, Worcs.	Dudley 2863	S. H. Colyer, F.H.A. Mrs. L. Colyer		28								28		n
TOTAL BED COMPLEMENT			608 96	68	587	46	335 90		323		23 30	1990 216		

19. Walsall Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement													
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total		
Orthopaedic Clinic,* Bradford Street, Walsall. Staffs.	Walsall 3161	Dr. A. H. Parkinson (Med. Supt.)														
T.B. Dispensary, Shelfield Nr. Walsall, Staffs.		Dr. F. J. Welton (Med. Supt.)														
V.D. Clinic, Manor Hpl., Moat Road, Walsall, Staffs.	Walsall 4112															
Walsall Wood Nursing Home, 14, Castle Road, Walsall Wood, Staffs.																
TOTAL BED COMPLEMENT			399	17	190	84	37							727	7	90
			53	15		22										
*Organised by Royal Cripples Hpl., Birmingham																

20. Coventry Hospital Management Committee

Secretary: S. C. Hill, F.H.A., F.C.I.S., Coventry & Warwickshire Hpl.			Chairman: W. T. Smith, 383, Arbury Road, Nuneaton, Warwicks.			Supplies Officer: H. F. Pratt, Coventry & Warwickshire Hpl.			Joint Engineers: F. H. Mills, J. K. Preston, Coventry & Warwickshire Hpl.,			a, d, l, n, p, s, t, u, v		
Coventry & Warwickshire Hpl., Stoney Stanton Road, Coventry, Warwicks.	Coventry 61074	S. C. Hill, F.H.A., F.C.I.S. Miss J. E. Burton	60									60		
Coventry & Warwickshire Hpl., No. 1 Branch, Keresley, Nr. Coventry, Warwicks.	Keresley 371	S. C. Hill, F.H.A., F.C.I.S. Miss J. E. Burton	200 25	28							8	236 25		
Coventry & Warwickshire Hpl., No. 2 Branch, "The Towers," Park Hill, Kenilworth, Warwicks.	Kenilworth 71	S. C. Hill, F.H.A., F.C.I.S. Miss J. E. Burton	44									44		
Coventry & Warwickshire Hpl., No. 3 Branch, High Street Kenilworth, Warwicks.	Kenilworth 129	S. C. Hill, F.H.A., F.C.I.S. Miss J. E. Burton	25									25		
Coventry Isolation Hpl., London-Road, Whiteley, Coventry, Warwicks.	Coventry 2172	Dr. J. F. Galpine (Med. Supt.) Miss J. M. Blake				78 70						78 70		j, n

20. Coventry Hospital Management Committee—*Cont.*[illegible]

20. Coventry Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
The Gulson Hpl., Gulson Road, Coventry, Warwicks.	Coventry 3014	W. H. Pattinson Dr. J. S. Smith (Med. Supt.) Miss M. Donagh	189 38	19								208 38		a, l, n o, u
Allesley Hall Convalescent Home, Off Birmingham Road, Coventry, Warwicks.		W. H. Pattinson Dr. J. S. Smith (Med. Supt.) Miss M. Donagh								30*		30		n. *Convalescent
Allesley House Maternity Hpl., Allesley, Coventry, Warwicks.	Allesley 271	W. H. Pattinson Dr. J. S. Smith (Med. Supt.) Miss M. Donagh		31								31		n
George Eliot Hpl., College Street, Nuneaton, Warwicks.	Nuneaton 2393	C. D. Harrison Dr. E. A. Hoare (Med. Supt.) Mrs. M. A. Harrison	133 57	19	70 10							222 67		n, u
St. Luke's Hpl., Lower Hillmorton Road, Rugby, Warwicks.	Rugby 3060	Dr. J. A. Wakes Miller (Med. Supt.) Miss E. Pickering	53	6	88							147		n
Exhall Lodge Hpl., Hospital Lane, Exhall, Nr. Coventry, Warwicks.	Bedworth 3161	J. Yates Miss D. E. Cheesman			179 15							179 15		m, n
Walsgrave Annexe, Moat House, Walsgrave, Coventry, Warwicks.	Walsgrave 314	J. Yates Miss D. E. Cheesman			40							40		n
Gosford Annexe, Gosford Green, Binley Road, Coventry, Warwicks.	Coventry 62838	J. Yates Miss D. E. Cheesman			25							25		n
TOTAL BED COMPLEMENT			970 164	162	402 25	131 133				30	8	1703 322		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Meriden Hospital, Maxstoke Lane, Meriden, Nr. Coventry, Warwicks.	Meriden 254	Warwickshire County Council	19

21. Stoke-on-Trent Hospital Management Committee

Secretary: THORNBURROW GIBSON, M.A. (CANTAB.), F.H.A.,
North Staffs Royal Inf., Staffs
Tel.: Stoke-on-Trent 48648

Finance Officer: W. A. FOLLOWS, A.S.A.A.,
North Staffs Royal Inf.
Tel.: Stoke-on-Trent 48648

Chairman: Alderman P. WILLIAMS, J.P.,
3, Park Avenue, Shelton,
Stoke-on-Trent, Staffs

Supplies Officer: F. W. CLOAKE, F.H.A.,
North Staffs Royal Inf.
Tel.: Stoke-on-Trent 48648

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri	Total	P.P.	Notes	
North Staffs Royal Inf., Hartshill, Stoke-on-Trent, Staffs	Stoke-on-Trent 4161	T. Gibson, M.A., F.H.A. Miss E. Blakemore	382 42									51	433 42		a, d, l, n, s, t, u, v
Betley Court Rehabilitation Centre, <i>Annexe of North Staffs Royal Inf.</i> , Betley, Nr. Crewe	Betley 212	T. Gibson, M.A., F.H.A.										40*	40		*Convalescent
City General Hpl., Stoke-on-Trent, Staffs	Newcastle (Staffs) 66273	Dr. C. G. Lewis, F.R.C.S.E (Med. Supt.) Miss G. E. Watts	515 43	153	195	5	46	43					957 43		a, d, l, n, o, y, z
Burslem, Haywood & Tunstall War Memorial Hpl., High Lane, Tunstall, Stoke-on-Trent, Staffs	Stoke-on-Trent 84161	C. E. Lowndes, F.H.A. Miss B. Midgley	54									42	96		a, l, n
Memorial Hpl., Stockwell Street, Leek, Staffs	Leek 84	Miss H. Casey (Matron)	18 6									3	21 6		n
Longton Hpl., Upper Belgrave Road, Longton, Stoke-on-Trent, Staffs	Longton 39126	B. Pitt Miss H. Morris	44 8									3	47 8		n
Cheshire Joint Sanatorium, Loggerheads, Nr. Market Drayton, Salop	Hales 235	Dr. Peter Edwards, D.S., M.B.E., (Med. Supt.) Miss E. C. Elliott					269 28						269 28		e, l
City Infectious Diseases Hpl., Bucknall, Stoke-on-Trent, Staffs	Stoke-on-Trent 5191	Dr. A. J. Ewin (Med. Supt.) Miss A. Hague				38 164							38 164		j, n
Bradwell Infectious Diseases Hpl., Chesterton, Newcastle-under-Lyme, Staffs	Newcastle (Staffs) 68061	Miss E. L. Wilson (Matron)				39 4							39 4		n
Newcastle Infectious Diseases Hpl., Cemetery Road, Newcastle, Staffs	Newcastle (Staffs) 66497	Mrs. E. Gooding (Matron)				16 10							16 10		n

21. Stoke-on-Trent Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mal.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Chest Dispensary, Wellesley Street, Shelton, Stoke-on-Trent, Staffs	Stoke-on-Trent 29074	Dr. C. McBride (Med. Officer)													
		H. G. Henderson Mrs. D. Henderson			69							69			"
Cheadle Hpl., Bank Street, Cheadle, Staffs	Cheadle 3167	W. E. Kent Mrs. D. E. Kent			106 14							106 14			"
Moorlands Hpl., Leek, Staffs	Leek 28														
TOTAL BED COMPLEMENT			1170 121	211	370 14	120 189	427 63	43		40	101	2482 387			

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution		Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Westcliffe, Turnhurst Road, Tunstall, Stoke-on-Trent, Staffs		Stoke-on-Trent 87106	Stoke-on-Trent City Council	213

22. Stafford Hospital Management Committee

Secretary & Finance Officer: H. H. JONES, A.H.A.,
13, Foregate Street, Stafford
Tel.: Stafford 1310/1

Chairman: Alderman Mrs. R. TURNER,
The Limes, 18, Crescent Road,
Rowley Park, Stafford

Supplies Officer: J. A. ANCELL,
13, Foregate Street, Stafford

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Staffordshire General Inf., Foregate Street, Stafford	Stafford 753	A. E. Collins, F.H.A. Miss E. Crawley, D.N.	145								14	159		a, d, l, n, t, u, v
Stafford Infectious Diseases Hpl., Tithe Barn Road, Stafford	Stafford 67	Miss E. Mayer, s.r.n. (Matron)				28						28		
Standon Hall Orthopaedic Hpl., Nr. Eccleshall, Staffs	Standon 241	T. Cockin Miss F. M. Back, s.r.n.	90 30									90 30		c, l, n
Yarnfield Infectious Diseases Hpl., Yarnfield, Nr. Stone, Staffs	Stone 93	Miss D. A. F. Heath, s.r.n. (Matron)				18 14						18 14		

22. Stafford Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Annabelle Lady Boughey Cottage Hpl., Newport, Salop	Newport 3100	Miss L. O. Pickering, s.r.n. (Matron)	12										12		
Groundslow Sanatorium, Tittensor, Stoke-on-Trent, Staffs	Barlaston 3	Dr. A. R. Williams (Med. Supt.) Miss E. F. Baldwin, s.r.n.				70 40							70 40		
Rugeley District Hpl., Rugeley, Staffs	Rugeley 34	Miss I. Tonks, s.r.n. (Matron)	14										14		
Yarnfield Smallpox Hpl., Yarnfield, Nr. Stone, Staffs	Stone 93	Miss D. A. F. Heath, s.r.n. (Matron)													
Burton House Maternity Home, Moss Pit, Stafford	Stafford 178	Miss O. T. Davies, s.c.m. (Matron)		8 4									8 4		n
Accident Home, Hednesford, Staffs	Hednesford 61	Miss A. Blakenore, s.r.n. (Matron)	14										14		
T.B. Dispensary, Ballance Street, Uttoxeter, Staffs		Dr. K. S. Williams (T.B. Officer)													
T.B. Dispensary, Mill Bank, Stafford	Stafford 668	Dr. K. S. Williams (T.B. Officer)													
T.B. Dispensary, Newhall Street, Cannock, Staffs		Dr. K. S. Williams (T.B. Officer)													
T.B. Dispensary, Town Hall, Stone, Staffs		Dr. K. S. Williams (T.B. Officer)													
Orthopaedic Clinic, North Walls, Stafford	Stafford 496	Mrs. O. Talbot (Sister-in-Charge)													
V.D. Clinic, Staffordshire General Inf., Stafford	Stafford 753	Dr. R. P. A. MacCauley (Med. Supt.)													
Trent Hpl., Stone, Staffs	Stone 190	W. A. Meadowcroft Mrs. A. Meadowcroft, s.r.n.			64 5			30					94 5		n
Snugborough Park Hpl., Nr. Stafford	Little Haywood 43	H. H. Jones, A.H.A. Matron: (Vacant)													Adaptation for use as a civilian hospital proceeding
TOTAL BED COMPLEMENT			275 30	8 4	64 5	116 54		30				14	507 93		

23. Lichfield, Sutton Coldfield and Tamworth Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
T.B. Dispensary, 15, Sandford Street, Lichfield, Staffs	Lichfield 2246	—												
Orthopaedic Clinic, 15, Sandford Street, Lichfield, Staffs	Lichfield 2246	—												
St. Michael's Hpl., 15, Trent Valley Road, Lichfield, Staffs	Lichfield 3381	J. A. L. Standing Mrs. R. M. Standing		11 14	30	10						11 54		
St. Editha's Hpl., 31, Wigginton Road, Tamworth, Staffs	Tamworth 30	W. E. Davies Mrs. E. M. Davies			12 15							12 15		
TOTAL BED COMPLEMENT			45	11 14	12 45	52 50						120 109		

24. Birmingham (Dudley Road) Group Hospital Management Committee

Secretary: J. PRESTON, F.H.A.,
Dudley Road Hpl.

Finance Officer: E. A. HALL, A.S.A.A., A.I.M.T.A.,
Dudley Road Hpl.

Chairman: VERNON W. GROSVENOR, LL.B.; J.P.,
113, Colmore Row, Birmingham

Supplies Officer and Deputy Secretary: W. H. LOMAS, F.H.A.,
Birmingham and Midland Ear and Throat Hpl.

Engineer: J. CARR,
Dudley Road Hpl.

Dudley Road Hpl., Dudley Road, Birmingham, 18	Northern 3801	J. G. Horne, A.H.A. T. M. Anderson, M.D., F.R.C.P., D.P.H. (Med. Supt.) Miss A. Birtwistle, S.R.N., S.R.C.N., S.C.M.	625 130	125								750 130		a, d, l, n, o, t, u.
Bourne House Hpl., 43, Trinity Road, Birchfields, Birmingham, 6	Northern 3194	Miss D. Perry, S.R.N., S.C.M. (Matron)		18								18		n, u
Heathfield Road Maternity Hpl., 134, Heathfield Road, Handsworth, Birmingham, 19	Northern 2625	Miss D. Perry, S.R.N., S.C.M. (Matron)		25								25		n, p, u
Birmingham and Midland Eye Hpl., Church Street, Birmingham, 3	Central 6711/3	H. B. Linnell Miss C. M. McDonald, S.R.N., S.C.M., M.S.R.	124									124	9	c, n, u

24. Birmingham (Dudley Road) Group Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Burcot Grange Hpl., Blackwell, Nr. Bromsgrove, Worcs.	Hillside 1533	H. B. Linnell Miss C. M. McDonald, S.R.N., S.C.M., M.S.R.										32		n, u. *Convalescent
Birmingham and Midland Ear and Throat Hpl., Edmund Street, Birmingham, 3	Central 6576/8	Miss W. E. Reynolds, A.H.A. Miss A. Laidlaw, S.R.N.	76									76	9	n
Hearing Aid Clinic, 257, Hagley Road, Birmingham, 16	Edgbaston 2604	Miss W. E. Reynolds, A.H.A. Miss A. Laidlaw, S.R.N.												
Skin Hpl., George Road, Edgbaston, Birmingham, 15	Edgbaston 2286	A. W. Taylor, A.H.A., A.I.A.C. Miss M. A. Fay, S.R.N., S.C.M.	61									61	5	
St. Chad's Hpl., Hagley Road, Birmingham, 16	Edgbaston 0994/6	H. C. Bowerman Dr. A. Wilson Russell, M.D., D.P.H. (Acting Med. Supt.) Miss A. N. Dixon, S.R.C., S.C.M.	124	26								150		a, l, n, p,
Taylor Memorial Home of Rest, White Lodge, New Penkridge Road, Cannock, Staffs	Cannock 3387	Miss D. E. Crowther, S.R.N., S.C.M. (Matron)			10							10		
V.D. Clinic, General Hpl., Steel House Lane, Birmingham	Central 8611	—				14						14		u
V.D. Clinic, 90, Lancaster Street, Birmingham, 4	Aston Cross 3328	Dr. Nora Gibbs (Med. Supt.)												u
Dudley Road Inf., Western Road, Birmingham, 18	Northern 3321	G. Christie, A.H.A. L. Nagley, M.D., M.R.C.P. (Med. Supt.) Miss M. Thomas, S.R.N., S.C.M.			1042	158						1200		l, m (male nurses), n
Marston Green Maternity Hpl., Berwicks Lane, Marston Green, Nr. Birmingham	Marston Green 2295	Miss M. Maxwell, S.R.N., S.C.M. (Matron)		40 110								40 110		p
Carnegie Institute, Hunters Road, Birmingham, 18	Northern 0774	Miss D. Peiry, S.R.N., S.C.M. (Matron)		14†								14		†Premature babies only
TOTAL BED COMPLEMENT			1010	248 110	1052	172				32		2514 240	23	

25. Birmingham (Selly Oak) Hospital Management Committee

Secretary: G. MYERS, F.H.A., D.P.A.,
Oak Tree Lane,
Selly Oak, Birmingham, 29
Tel.: Selly Oak 1361

Supplies Officer: A. R. KEMBLE, D.P.A.,
Oak Tree Lane, Selly Oak, Birmingham, 29

Chairman: Alderman A. F. BRADBEE, J.P.,
Oak Tree Lane, Selly Oak, Birmingham, 29

Finance Officer: J. H. TIMINGS, A.S.A.A., A.C.I.S.,
Oak Tree Lane, Selly Oak, Birmingham, 29

Engineer: C. C. RICHARDS, M.INST.E.E.,
Oak Tree Lane, Selly Oak, Birmingham, 29

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Selly Oak Hpl., Raddlebarn Lane, Selly Oak, Birmingham, 29	Selly Oak 1361	C. Begie, A.H.A. R. P. S. Kelman, T.D., F.R.C.S. (Med. Supt.) Miss E. D. Poole (East Section) Miss E. V. Wheeler (West Section)	448 63	33 6	521 43							1002 112		a, d, l, n, o, t, u, v
Birmingham Accident Hpl. and Re- habilitation Centre, Bath Row, Birmingham, 15	Midland 7041	W. G. Spencer, F.H.A. Miss P. M. Smith	208									208		c, l, n, t, u
Royal Cripples Hpl., 80, Broad Street, Birmingham	Midland 3804	Miss I. Whittock, F.H.A.												n t, u
Woodlands Hpl., Bristol Road South, Northfield, Birmingham, 31	Priory 1166	Miss I. Whittock, F.H.A. Miss W. B. Mountain	226									226		c, l, n, q, r, t, u, v
Royal Cripples Hpl., The Frelands, Rock Hill, Bromsgrove, Worcs	Bromsgrove 2130	Miss I. Whittock, F.H.A. Miss S. Pocock	94									94		l, n, t, u
Canwell Hall Babies Hpl., Canwell, Nr. Sutton Coldfield, Warwicks	Four Oaks 598	S. E. Aves, F.H.A. Miss L. M. Hodey	60									60		
Little Bromwich Isolation Hpl., Little Bromwich, Birmingham, 9	Victoria 0957	S. E. Aves, F.H.A. Dr. J. McGarrity, M.D., D.P.H. (Med. Supt.) Miss E. Spencer				750						750		j, l, n
Witton Smallpox Hpl., Witton, Birmingham, 23	Erdington 1229	S. E. Aves, F.H.A. J. McGarrity, M.D., D.P.H. (Med. Supt.) Miss E. Spencer				60						60		
Catherine De-Barnes Isolation Hpl., Solihull, Birmingham	Solihull 0054	Mrs. M. Ball (Matron)				32						32		

25. Birmingham (Selly Oak) Hospital Management Committee---Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Solihull Maternity Hpl., Brook House, Solihull, Birmingham	Solihull 0343	H. B. Wilson Dr. H. B. Watson (Med. Supt.) Miss F. Windridge		17								17	5		
Lordswood Road Maternity Hpl., Harborne, Birmingham, 17	Harborne 0671	S. E. Aves, F.H.A. Miss M. Brooksbank		27								27		p	
Sorrents Maternity Hpl., Wake Green Road, Moseley, Birmingham, 13	South 2921	S. E. Aves, F.H.A. Miss E. Thorne		112								112		o	
Midland Hpl., Easy Row, Birmingham, 1	Central 3548	Miss O. Furneaux, F.H.A.	} 28												
Midland Hpl., Eastcote Grange, Nr. Hampton-in-Arden, Warwicks.	Hampton-in-Arden 5	Miss O. Furneaux, F.H.A. Miss M. P. Hyde											28		
Moseley Hall Hpl. for Children, Moseley, Birmingham, 13	South 0342	Miss M. Staggs Miss D. A. Benham											80		*Convalescent
Evans Hpl. for Children, Solihull, Birmingham	Solihull 0515	Mrs. H. Bond (Matron)											24	24*	
Solihull Hpl., Lode Lane, Solihull, Warwicks.	Solihull 0010	H. B. Wilson Dr. H. B. Watson (Med. Supt.) Miss F. Windridge	103	17	60							199		19*	
		TOTAL BED COMPLEMENT	1167	206	581	842						2919	5	123.	
			63	6	43							112			

26. Birmingham (Sanatoria) Group Hospital Management Committee

Secretary: G. FLAVELL,
Yardley Green Hpl.
Finance Officer: A. HALLIDAY,
Yardley Green Hpl.

Chairman: Councillor G. P. ACHURCH, M.B.E.,
16, Woodbourne Road, Edgbaston,
Birmingham, 15

Supplies Officer: R. J. CORLETT,
Yardley Green Hpl.
Engineer: E. G. BARNETT,
Yardley Green Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Yardley Green Hpl., Yardley Green Road, Birmingham, 9	Victoria 1107	G. Flavell Dr. J. E. Geddes (Med. Supt.) Miss W. Davies					401 12							c, e, l, n, u
West Heath Sanatorium, Rednal Road, West Heath, Birmingham, 31	Kings Norton 1051	Dr. J. M. Taylor (Med. Supt.) Miss D. E. Lee					210							n
Romsley Hill Sanatorium, Romsley, Halesowen, Near Birmingham	Romsley 49	Dr. D. J. Peebles (Med. Supt.) Miss W. Keyte					100 20							n
Kyre Park Sanatorium, Kyre Park, Near Tenbury Wells, Worcs.	Kyre 44	—												Not yet opened
Anti-Tuberculosis Centre, 151, Great Charles Street, Birmingham, 3	Central 1141	Dr. J. E. Geddes (Chief Clinical T.B. Officer)												
Anti-Tuberculosis Clinic, 1, Lode Lane, Solihull, Warwicks		—												
TOTAL BED COMPLEMENT							711 32						711 32	

27. Robert Jones, etc. Oswestry Hospital Management Committee

Secretary and Finance Officer: J. C. MENZIES, F.H.A.,
Robert Jones and Agnes Hunt Orthopaedic Hpl.

Chairman: Major L. E. BURY, C.B.E., J.P.,
Millichope Cottage, Munslow,
Craven Arms, Salop.

Supplies Officer and Engineer: (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement									
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total
Robert Jones and Agnes Hunt Orthopaedic Hpl., Oswestry, Salop	Oswestry 353/4	J. C. Menzies, F.H.A. Miss E. Bell, S.R.N.	404									404
Aston Hall Annexe Hpl., Near Oswestry, Salop	Queens Head 271	J. C. Menzies, F.H.A. Miss E. Bell, S.R.N.	75									75
TOTAL BED COMPLEMENT			479									479

c, l, q

Orthopaedic Clinics are held at the addresses given below, clinical services being provided by the Robert Jones and Agnes Hunt Orthopaedic Hospital, but the administration being undertaken by the Hospital Management Committee in whose area the clinic is situated:—

- Red Cross Hut, Blackfriars Street, Hereford
- Cottage Hospital, Leominster, Hereford
- The Old Court House, Southend, Ledbury
- British Legion Club, Craven Arms, Salop
- Welfare Centre, King Street, Dawley, Salop
- Welfare Centre, Cross Street, Ellesmere, Salop
- Severn Bank House, Severn Bank, Ironbridge, Salop
- Welfare Centre, Cliftonville, Dinham, Ludlow, Salop
- Welfare Centre, Northgate, Bridgnorth, Salop
- Welfare Centre, Longslow Road, Market Drayton, Salop
- Welfare Centre, Nurses Home, Newport, Salop
- Welfare Centre, Stafford Road, Oakengates, Salop
- Welfare Centre, Upper Brook Street, Oswestry, Salop
- Health Centre, Murrivance, Shrewsbury, Salop
- Welfare Centre, Haygate Road, Wellington, Salop
- The Shrubbery, New Street, Wem, Salop
- Health Centre, St. Mary's Street, Whitchurch, Salop

MANCHESTER REGION

Area : The administrative counties of Chester (except the part included in the Liverpool Regional Hospital Area), Lancaster (except the part included in the Liverpool Regional Hospital Area) and Westmorland (except the part included in the Newcastle Regional Hospital Area). The county boroughs of Barrow-in-Furness, Blackburn, Blackpool, Bolton, Burnley, Bury, Manchester, Oldham, Preston, Rochdale, Salford, Stockport and Wigan.

So much of the county of Derby as comprises the boroughs of Buxton and Glossop ; the urban districts of New Mills and Whaley Bridge ; and the rural district of Chapel-en-le-Frith.

Population : 5,729,345.

Regional Hospital Board

Address : No. 1, North Parade, Parsonage Gardens, Manchester, 3

Telephone : Deansgate 6441/5

Chairman of Board : Sir John Stopford (b)

Other Members : Alderman T. H. Adams, W. Briggs, J.P., Miss L. G. Duff Grant, Alderman J. Eastham, J.P., Councillor T. Horrigan, Alderman S. T. Marron, J.P., Prof. W. F. C. Morris, M.B., CH.B., Major E. F. Pilkington, J.P., Sir Thomas S. Tomlinson, J.P. ; (b) F. W. Boggis, J.P., J. Fielding, J.P., Alderman G. D. Hastwell, S. Hodgson, J.P., W. Onions, J.P., Prof. H. S. Raper, C.B.E., C. M. Skinner, J. D. Silverston, Mrs. E. A. Watson, J.P. ; (c) F. Bussy, A. Cook, J.P., W. A. Davies, C.B.E., J.P., E. Hall, J.P., Prof. G. Jefferson, C.B.E., R. L. Newell, Mrs. F. A. Ogden, J.P., Prof. H. Platt, Alderman J. Shorrocks, J.P., J. Sillavan.

N.B.—Members under (a) are appointed to serve until March 31st, 1952 ; those under (b) until March 31st, 1950 ; those under (c) until March 31st, 1951.

Secretary :

J. GIBBON, F.H.A.

Senior Admin. Medical Officer :

F. N. MARSHALL, M.D., B.SC., D.P.H.

Assistant Secretary :

G. W. JONES, A.H.A.

Assistant Senior Medical Officers :

F. J. HARVEY, M.R.C.S.(ENG.), L.R.C.P.(LOND.)

G. T. JAMES, B.SC., M.B., B.CH., D.P.M.

Treasurer :

A. CAMPLIN, F.I.M.T.A., A.S.A.A.

J. S. B. MACKAY, M.A., M.B., CH.B., D.P.H.

Assistant Treasurer :

A. E. KETCHEN, A.I.M.T.A.

Architect :

T. DUFFY, F.R.I.B.A.

Teaching Hospital within Region : The United Manchester Hospitals

MANCHESTER REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Barrow and Furness Hospital Management Committee

Secretary : J. NEWMAN,
52, Paradise Street, Barrow-in-Furness, Lancs.
Tel. : Barrow 52

Finance Officer : T. W. UREN, A.I.M.T.A.,
52, Paradise Street, Barrow-in-Furness, Lancs.

Chairman : Alderman G. D. HASTWELL, J.P.,
57, Anchor Road,
Barrow-in-Furness, Lancs.

Supplies Officer : W. YATES,
52, Paradise Street, Barrow-in-Furness, Lancs.

Engineer : F. DODGEON,
North Lonsdale Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
North Lonsdale Hpl. (1), School Street, Barrow-in-Furness, Lancs	Barrow 896	W. T. Kellett Miss P. A. James	171								18	189		a, n, u, v
Risedale Maternity Hpl. (6), Abbey Road, Barrow-in-Furness, Lancs.	Barrow 91	Miss G. Tunstall (Matron)		36								36		l, n, o, u
Devonshire Road Hpl. (6), Barrow-in-Furness, Lancs.	Barrow 143	Miss E. N. Gidden (Matron)										52		n
	Barrow 142	Miss E. N. Gidden (Matron)				28 14	24					14		
Rakesmoor Smallpox Hpl. (6), Barrow-in-Furness, Lancs.	Barrow 448	W. L. Shepherd, A.H.A. Miss E. Whitty (Supt. Nurse)	42	1	148							249		n, y, z
Roose Hpl. (2), Barrow-in-Furness, Lancs.	Ulverston 3061	R. Graham Miss E. Baillie	24	6							5*	35*		n, u *Numbers under con- sideration
Ulverston Hpl. (3), Newton Street, Ulverston, Lancs.	Ulverston 2156	Miss E. E. Pickthall (Matron)		10								10		
Oubas House Maternity Home (6), Ulverston, Lancs.	Ulverston 2011	J. W. Boaden Miss M. Holton (Supt. Nurse)	4		122					78		204		n, z
Stanley Hpl. (4), Ulverston, Lancs.	Ulverston 2036	Miss E. L. Wilkinson (Matron)				14 16						14 16		
High Carley Isolation Hpl. (5), Nr. Ulverston, Lancs.	Ulverston 2304	W. Baythorp, A.H.A. Dr. G. Leggat (Med. Supt.) Miss A. M. Taylor					131					131		c, e, n, u

1. Barrow and Furness Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement													
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes		
T.B. Dispensary (5), Lightburn Avenue, Ulverston, Lancs.	Ulverston 2145	W. Baythorp, A.H.A. Dr. G. Leggat (Med. Supt.)														
T.B. Dispensary (5), School Street, Barrow-in-Furness, Lancs.	Barrow 1098															
TOTAL BED COMPLEMENT			241	53	270	42 30	155	58	78		23	920 30				
SUB-GROUPING																
(1) No. 1 (North Lonsdale) Sub-Group		...														
(2) No. 2 (Roose) Sub-Group ...		...												
(3) No. 3 (Ulverston) Sub-Group		...														
(4) No. 4 (Stanley) Sub-Group		...														
(5) No. 5 (High Carley) Sub-Group		...														
(6) No. 6 (Special) Sub-Group		...														
Senior Administrative Officer:—J. NEWMAN, 52, Paradise Street, Barrow-in-Furness, Lancs.																

2. Lancaster and Kendal Hospital Management Committee

Secretary : E. F. B. HINDLE, F.H.A., Royal Lancaster Inf.			Chairman : Dr. P. F. MANNIX, J.P. Mayo House, Dallas Road, Lancaster			Supplies Officer : P. WHITEHEAD, A.H.A., Royal Lancaster Inf.			
Finance Officer : * F. G. HOLLAND, Royal Lancaster Inf.			Engineer : E. P. ROSSALL, Royal Lancaster Inf.						
Westmorland County Hpl., Kendal, Westmorland	Kendal 71	J. Mather Miss N. L. Smallman	74	8				82	c, n
Helme Chase Maternity Home, Kendal, Westmorland	Kendal 957	J. Mather Miss C. Drohan		22				22	n
Kendal Green Hpl., 1A, Windermere Road, Kendal, Westmorland	Kendal 38	J. Mackenzie Mrs. D. Mackenzie		2	75			77	
"Ethel Hedley" Orthopaedic Hpl., Calgarth Park, Windermere, Westmorland	Windermere 16	Jean T. W. Bucknell, M.B., CH.B. (Med. Supt.) Miss M. J. Percival	50					50	n, z
Westmorland Sanatorium, Meathop, Grange-over-Sands, Lancs.	Grange-over- Sands 51	J. M. Wood Dr. J. Munro Campbell (Med. Supt.) Miss M. Wilkinson				160		160	n

2. Lancaster and Kendal Hospital Management Committee—*Cont.*

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Royal Lancaster Infirmary, Lancaster	Lancaster 1200/2	E. F. B. Hindle, F.H.A. Miss I. Walton	188 14	33								221 14		a, d, l, n, u, v
Haverbreaks Maternity Annexe, Haverbreaks, Lancaster	Lancaster 834													Information included under Royal Lancaster Inf.
“ Longlands ” Convalescent Home, Private Road, Lancaster	Lancaster 1200													Information included under Royal Lancaster Inf.
Infectious Diseases and T.B. Hpl., Slyne Road, Lancaster	Lancaster 812/3	J. J. Hennessy (Med. Supt.) Miss A. Patchett				40 40	40					80 40		Inf. j, l, n
Bay View Hpl., 2, Quernmore Road, Lancaster	Lancaster 383	W. Downie Mrs. A. K. Downie	122	4								126		n
Queen Victoria Hpl., Thornton Road, Morecambe, Lancs.	Morecambe 1661	T. P. Tiplady, A.A.H. Miss P. Hyde	48	10						15		73		n
T.B. Dispensary, 8, Middle Street, Lancaster	Lancaster 568	H. G. Hutchence Dr. H. J. Villiers (T.B. Officer)												
T.B. Dispensary, Fellside, Kendal, Westmorland	Kendal 430	Dr. J. Munro Campbell (T.B. Officer)												
V.D. Clinic, Bay View Hpl., 2, Quernmore Road, Lancaster	Lancaster 383	Dr. A. Fessler (Med. Officer)												
		TOTAL BED COMPLEMENT	482 14	79	75	40 40	200			15		891 54		

3. Blackpool and Fylde Hospital Management Committee

Secretary: W. R. SMITH, F.H.A., A.C.I.S.,
Victoria Hpl.

Finance Officer: J. G. JACKSON, F.I.M.T.A.,
Victoria Hpl.

Chairman: J. FIELDING, J.P.
Derry Meade, Bispham Road, Blackpool, Lancs.

Supplies Officer: RONALD SMITH,
Victoria Hpl.

Engineer: (n.y.a.)

Victoria Hpl., Whinney Heys Road, Blackpool, Lancs.	Blackpool 23881	W. R. Smith, F.H.A., A.C.I.S. Miss E. H. Maclean, S.R.N., S.C.M.	232	21	44	18	515
Devonshire Road Infectious Diseases Hpl., Devonshire Road, Blackpool, Lancs.	Blackpool 21573	Miss M. H. Whitaker, M.B.E., S.R.N. (Matron)			5 7		82 28

3. Blackpool and Fylde Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
T.B. Dispensary, Poulton Street, Fleetwood, Lancs	Fleetwood 282	Med. Supt.: (Vacant)												
V.D. Clinic, Municipal Health Centre, Whitegate Drive, Blackpool, Lancs.	Marton 460	J. D. Johnson, M.R.C.S., L.R.C.P. (Med. Supt.)												
TOTAL BED COMPLEMENT			315	117 6	196 80	127 107	119 7	44			33	951 200		

4. Preston and Chorley Hospital Management Committee

Supplies Officer: H. BEGGS, F.H.A.,
Preston Royal Inf.
Engineer: H. NORRIS, F.I.H.E.,
Preston Royal Inf.

Chairman: W. A. DAVIES, C.B.E., J.P.,
18, Highgate, Avenue, Fulwood, Preston, Lancs.

Secretary: J. GIBSON, M.B.E., J.P., F.H.A., F.C.C.S.,
Preston Royal Inf.
Finance Officer: J. R. HINDLE, A.H.A., A.C.A.,
Preston Royal Inf.

Preston Royal Inf., Deepdale Road, Preston, Lancs.	Preston 4616	J. Gibson, M.B.E., J.P., F.H.A. Miss N. Livesey, S.R.N., S.C.M.	351	50								401		a, l, n, o, u, v
The Willows Hpl., Pedders Lane, Ashton-on-Ribble, Preston, Lancs. (Auxiliary to Preston Royal Inf.)	Preston 86403	J. Gibson, M.B.E., J.P., F.H.A. Miss N. Livesey, S.R.N., S.C.M.	30									30		
Lostock Hall Hpl., Lostock Hall, Nr. Preston, Lancs. (Auxiliary to Preston Royal Inf.)	Preston 85304	J. Gibson, M.B.E., J.P., F.H.A. Miss N. Livesey, S.R.N., S.C.M.	46									46		
Sharoe Green Municipal Hpl., Fulwood, Preston, Lancs.	Preston 7291	J. Wilkinson Dr. E. C. R. Couper (Med. Supt.) Miss W. Hale, S.R.N., S.C.M.	110	50	100			100				360		a, d, l, n, p
Deepdale Road Infectious Diseases Hpl., Preston, Lancs.	Preston 5291	J. Gibson, M.B.E., J.P., F.H.A. Miss G. Howarth, S.R.N., S.R.F.N., S.C.M.				65	36					101		k, n
Chestnuts Sanatorium, Miller Road, Preston, Lancs.	Preston 84264	J. Gibson, M.B.E., J.P., F.H.A. Miss M. G. Cowen, S.R.N., S.C.M.					30					30		n

4. Preston and Chorley Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes			
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.				
Fulwood Continuation Hpl., Longsands Lane, Fulwood, Preston, Lancs.	Preston 7615	J. Gibson, M.B.E., J.P., F.H.A.															
Chorley and District Hpl. (1), Preston Road, Chorley, Lancs.	Chorley 2208	A. Stubbs, A.H.A., F.C.C.S. Miss R. J. Smith	65	22											87		n, u
Heath Charnock Infectious Diseases Hpl. (1), Nr. Chorley, Lancs.	Chorley 2497	A. Stubbs, A.H.A., F.C.C.S. Miss A. Roberston				56									56		n
Heath Charnock Pulmonary Hpl. (1), Nr. Chorley, Lancs.	Chorley 2497	A. Stubbs, A.H.A., F.C.C.S. Miss A. Roberston					44								44		n
Eaves Lane Hpl. (1), Chorley, Lancs.	Chorley 2327	A. Stubbs, A.H.A., F.C.C.S. Miss F. M. Ormrod		12	136							67			215		n, x
T.B. Dispensary, 34, St. Thomas' Road, Chorley, Lancs.	Chorley 2763	A. Stubbs, A.H.A., F.C.C.S.															
T.B. Dispensary, 12, Walton's Parade, Preston, Lancs.	Preston 2910	J. Gibson, M.B.E., J.P., F.H.A.															
T.B. Dispensary, 2, North Road, Preston, Lancs.	Preston 3109	J. Gibson, M.B.E., J.P., F.H.A.															
TOTAL BED COMPLEMENT			602	134	236	121	110	100	67						1,370		

SUB-GROUPING

(1) Chorley Sub-Group Senior Administrative Officer: A STUBBS, F.H.A., F.C.C.S., Chorley and District Hpl.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Fulwood (East Wing) Hpl., Fulwood, Preston, Lancs.	Preston 7208	Preston County Borough	100

5. Blackburn and District Hospital Management Committee

Secretary: T. DEWHURST, M.M., F.H.A., A.C.I.S.,
Blackburn Royal Inf.
Finance Officer: S. A. BROWN, A.I.M.T.A., A.S.A.A.,
Blackburn Royal Inf.

Chairman: SIR FREDERICK HINDLE,
Ellerslie, Darwen, Lancs.

Supplies Officer: J. A. SHOESMITH, M.P.O.A.,
Queens Park Hpl.
Engineer: W. E. SNOWBALL,
Queens Park Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes		
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.	
Blackburn Royal Inf., Bolton Road, Blackburn, Lancs.	Blackburn 7133	F. Bolton, A.H.A. Miss M. H. Donovan	244										244		a, d, l, m, n, t, u, v
Springfield Maternity Home, Preston New Road, Blackburn, Lancs.	Blackburn 6943	T. Dewhurst, M.M., F.H.A., A.C.I.S. Miss M. C. Graham		20									20		n, p
Park Lee Isolation Hpl., Park Lee Road, Blackburn, Lancs.	Blackburn 4044	T. Dewhurst, M.M., F.H.A., A.C.I.S. Miss E. Begley				31 63	30						61 63		j, n
Finnington Smallpox Hpl., Nr. Chorley, Lancs.	Pleasington 49	T. Dewhurst M.M., F.H.A., A.C.I.S.				43							43		
Queen's Park Hpl., Haslingden Road, Blackburn, Lancs.	Blackburn 4184	A. J. Hopkinson Mrs. E. Hopkinson	168 30	59	291			162					680 30		a, d, l, n, p, t, y, z
Bull Hill Maternity Home,* Bolton Road, Darwen, Lancs.	Darwen 202	T. Dewhurst, M.M., F.H.A., A.C.I.S. Miss H. Donald		24									24		n. *Expected to open in 1949
Victoria Hpl., Whalley Road, Accrington, Lancs.	Accrington 3666	R. Robinson, A.H.A. Miss H. Read	112										112		a, l, n
Rough Lee Maternity Home, Accrington, Lancs.	Accrington 2817	T. Dewhurst, M.M., F.H.A., A.C.I.S. Miss O. Heginbotham		11									11		n
Smallpox Hpl., Accrington, L1	Accrington 3023	T. Dewhurst, M.M., F.H.A., A.C.I.S.				26							26		
Withnell Pulmonary Hpl., Nr. Chorley, Lancs.	Brinscall 224	T. Dewhurst, M.M., F.H.A., A.C.I.S. Dr. G. B. Charnock (Med. Supt.) Miss I. M. Corfield					52						52		n
Brinscall (Coronation) Annexe, Nr. Chorley, Lancs.	Brinscall 243	T. Dewhurst, M.M., F.H.A., A.C.I.S. Dr. G. B. Charnock (Med. Supt.) Miss I. M. Corfield					20						20		n

5. Blackburn and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chir.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Clitheroe Hospital, Clitheroe, Lancs.	Clitheroe 198	J. W. Varty Mrs. F. Varty		4	39				39				82		n, x
"Bramley Mead" Maternity Home,† Whalley, Nr. Blackburn, Lancs.		T. Dewhurst, M.M., F.H.A., A.C.I.S.		20									20		† In process of adapta- tion
T.B. Dispensary, Duke Street, Blackburn, Lancs.	Blackburn 6644	T. Dewhurst, M.M., F.H.A., A.C.I.S. Dr. G. B. Charnock (Med. Supt.)													
T.B. Dispensary, Whalley Road, Accrington, Lancs.	Accrington 2443	T. Dewhurst, M.M., F.H.A., A.C.I.S. Dr. G. B. Charnock (Med. Supt.)													
T.B. Dispensary, Darwen, Lancs.	Darwen 408	T. Dewhurst, M.M., F.H.A., A.C.I.S. Dr. G. B. Charnock (Med. Supt.)													
TOTAL BED COMPLEMENT			524	94	330	31	102	162	39				1,282		
			30	44		132							206		

6. Burnley and District Hospital Management Committee

Secretary: J. E. WHEATCROFT, F.H.A.,
Victoria Hpl.
Tel.: Burnley 3237, 4260
Finance Officer: H. WATSON,
Burnley General Hpl.

Chairman: Councillor Mrs. E. A. WATSON, J.P.,
34, Rose Hill Mount, Burnley, Lancs.

Supplies Officer and Engineer: (n.y.a.)

Burnley General Hpl., Casterton Avenue, Burnley, Lancs.	Burnley 3231, 2195	M. A. Trace, A.H.A. Dr. Metzl (Med. Supt.-mental wards) Miss P. Culpan, S.R.N., S.C.M.	153		256			148				657		a, l, n
Victoria Hpl., Burnley, Lancs.	Burnley 3237	C. H. Stephenson Miss M. Little, S.R.N.	177								6	183	7	a, l, m, t, v
Bank Hall Maternity Home, Colne Road, Burnley, Lancs.	Burnley 4673	R. Newlove, F.H.A. Miss M. B. Johns, S.R.N., S.C.M., M.T.C.		36								36		n, o, u
Infectious Diseases Hpl., Marsden Road, Burnley, Lancs.	Burnley 2728	Miss C. Hall, S.R.N., C.M.B., R.F.N. (Reg. Sister Tutor)				82	24					106		j, l, n

6. Burnley and District Hospital Management Committee Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total	
Crown Point Smallpox Hpl., Crown Point, Nr. Burnley, Lancs.	Burnley 3024	Miss C. Hall, S.R.N., C.M.B., R.F.N. (Reg. Sister Tutor)				12							12		
The Hartley Hpl., Colne, Lancs.	Colne East 216	R. Newlove, F.H.A. Miss A. E. Casserley, S.R.N., S.C.M., R.R.C.	38								4		42		"
Christiana Hartley Maternity Home, Barrowford Road, Colne, Lancs.	Colne 424	R. Newlove, F.H.A. Miss H. I. Allison, S.R.N., S.C.M.		18									18		"
Langroyd Maternity Home, Colne, Lancs.	Colne 555	R. Newlove, F.H.A. Miss Roberts, S.R.N., S.C.M.		20									20		"
Reedyford Memorial Hpl., Nelson, Lancs.	Nelson 1160, 1027	R. Newlove, F.H.A. Miss M. E. Clarke, S.R.N., S.C.M.	61									3	64	6	c, l, n, u
" Fern Lea " Maternity Home, Netherfield Road, Nelson, Lancs.	Nelson 1140	R. Newlove, F.H.A. Miss P. M. Ballard, S.R.N., S.C.M.		12									12		
T.B. Dispensary, 64, Carr Road, Nelson, Lancs.	Nelson 507	Admin. Officer: (n.y.a.)													
T.B. Dispensary, Elizabeth Street, Burnley, Lancs.	Burnley 2101	Admin. Officer: (n.y.a.)													
TOTAL BED COMPLEMENT			529	86	256	94	24	148			13	1,150	13		

7. Wigan and Leigh Hospital Management Committee

Secretary: T. W. HURST, F.H.A., A.C.I.S.,
Knowsley House, Wigan Lane, Wigan, Lancs.
Tel.: Wigan 2841

Finance Officer: A. MOODY, A.H.A., A.I.M.T.A., A.S.S.A.,
Knowsley House, Wigan Lane, Wigan, Lancs.

Chairman: H. W. TOWNLEY, O.B.E.,
Firdale, Wigan Lane, Duxbury, Chorley, Lancs.

Supplies Officer: W. W. HOLLOMAN, A.H.A.,
Knowsley House, Wigan Lane, Wigan, Lancs.

Engineer: H. FISHER,
Knowsley House, Wigan Lane, Wigan, Lancs.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Royal Albert Edward Inf., Wigan Lane, Wigan, Lancs.	Wigan 2841	T. W. Hurst, F.H.A., A.C.I.S. Miss M. G. Wilkie, S.R.N., S.C.M.	197								28	225		a, l, n, u
Whelley Isolation Hpl., Bradshaw Shreet, Whelley, Wigan, Lancs.	Wigan 3691	Miss L. Rothwell, S.R.N., R.F.N. (Matron)				76						76		j, n
Pemberton T.B. Hpl., Billinge Road, Pemberton, Wigan, Lancs.	Wigan 82314	Admin. Officer: (Vacant) Miss L. Rothwell, S.R.N., R.F.N.					28					28		n
Billinge Hpl., 154, Upholland Road, Orrell, Nr. Wigan, Lancs.	Upholland 112	G. Ellison, A.H.A. Miss A. Cathcart, S.R.N., S.C.M.	73	26	150			137				386		m, n, y, z
Infectious Diseases Hpl., Ashton-in-Makerfield, Lancs.														Temporarily closed
Leigh Inf., The Avenue, Leigh, Lancs.	Leigh 704	W. G. Bell Miss R. Smith, S.R.N., S.C.M.	94								8	102		a, n
"Firs" Maternity Home, Firs Lane, Leigh, Lancs.	Leigh 529	Miss R. Murphy, S.R.N., S.C.M. (Matron)		18								18		
Atherleigh Hpl., 702, Leigh Road, Leigh, Lancs.	Leigh 9	T. J. Brown, A.H.A. Miss A. W. Thomas, S.R.N., S.C.M.	12	10	130			66				208 10		m, n, y, z
Astley Hpl., Astley, Nr. Manchester	Atherton 14	Admin. Officer: (Vacant) Miss A. Merron, S.R.N., R.F.N., S.C.M.				80 40						80 40		j, n

7. Wigan and Leigh Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
T.B. Dispensary, Millgate, Wigan, Lancs.	Wigan 44204	H. Richmond, M.B., CH.B., D.P.H. (Med. Supt.)												
T.B. Dispensary, 3, Mesnes Park Terrace, Wigan, Lancs.		E. H. W. Deane, M.B., B.S.(MELB.) (Med. Supt.)												
T.B. Dispensary, 13, Church Street, Leigh, Lancs.	Leigh 258	J. L. Arnour, M.R.C.S., L.R.C.P., M.B., CH.B., D.P.H. (Med. Supt.)		44	280	156 40	28	203			36	1,123 50		
TOTAL BED COMPLEMENT			376	44 10										

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution		Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Frog Lane Welfare Home, 75, Frog Lane, Wigan, Lancs.		Wigan 2562	Wigan County Borough	71

8. Bolton and District Hospital Management Committee

Secretary: H. P. TRAVIS, A.H.A.,
Bolton Royal Inf.
Tel.: Bolton 5250

Finance Officer: I. MORGAN, A.I.M.T.A., A.S.A.A.,
Bolton Royal Inf.
Tel.: Bolton 5250

Supplies Officer: (n.y.a.)

Engineer: J. E. ROBERTS, M.I.MAR.E.,
Townleys Hpl. Annexe.
Tel.: Bolton 5250

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Townleys Hpl. (1), Farnworth, Lancs. Nr. Bolton, Lancs.	Bolton 5890	D. Ernsting, F.H.A. E. S. Gawne, F.R.C.S., D.P.H., D.M.R.E. (Med. Supt.) Mrs. H. Bethell, D.N., S.R.N., S.C.M.	264	95	151							510	20	a, d, l, n, o
Bolton Royal Inf. (1), Bolton, Lancs.	Bolton 5280	H. P. Travis, A.H.A. C. M. Jenkins, S.R.N., S.C.M.	250									250		a, d, l, n, u, v

8. Bolton and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Priv.	Total	P.P.	Notes
T.B. Dispensary (3), Civic Centre, Bolton, Lancs.	Bolton +200	H. Monk												
V.D. Clinic (3), Civic Centre, Bolton, Lancs.	Bolton +200	H. Monk												
TOTAL BED COMPLEMENT			514	152	416	66	197	152	90	32	1,619	20		

SUB-GROUPING

(1) No. 1 Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(2) No. 2 Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(3) No. 3 Sub-Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Senior Administrative Officer:—R. W. CLARK, A.H.A., Bolton Royal Inf.
Senior Administrative Officer:—D. ERNSTING, F.H.A., Townleys Hpl. Annexe
Senior Administrative Officer:—H. MONK, Hulton Lane Hpl.

9. Bury and Rossendale Hospital Management Committee

<p><i>Secretary:</i> H. WILKINSON, F.H.A., Bury General Hpl. Tel.: Bury 2444 Ext. 30</p> <p><i>Finance Officer:</i> N. Brooks, A.S.A.A., A.L.A.A., Bank Buildings, Union Street, Bury, Lancs. Tel.: Bury 1654</p>	<p><i>Chairman:</i> F. C. Mosley, Bast House, Walmersley, Bury, Lancs.</p>	<p><i>Supplies Officer:</i> W. Sheldon, A.H.A., Aitken Sanatorium</p> <p><i>Engineer:</i> W. Risque, Bury General Hpl. Tel.: Bury 2444 Ext. 54</p>	<p><i>a, d, l, m, n, u</i></p>	<p><i>n. * Post-operation</i></p>	<p><i>n</i></p>
<p>Bury General Hpl., Walmersley Road, Bury, Lancs.</p>	<p>H. Wilkinson, F.H.A. Miss A. F. Shuker, S.R.N., S.C.M.</p>	<p>146</p>	<p>15</p>	<p>14</p>	<p>175</p>
<p>Westbourne Continuation Hpl., (Continuation Hpl. to Bury General Helmshore, [Hpl.] Haslingden, Lancs.</p>	<p>Rossendale 1055</p> <p>H. Wilkinson, F.H.A. Miss A. F. Shuker, S.R.N., S.C.M.</p>	<p>14* 13*</p>			<p>14 13</p>
<p>Robinson Kay Home, Walmersley, Bury, Lancs.</p>	<p>Ramsbottom 2113</p> <p>Miss M. C. Stewart, S.R.N. (Matron)</p>		<p>51</p>		<p>51</p>

9. Bury and Rossendale Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Florence Nightingale Hpl. (1), Bolton Road, Bury, Lanes.	Bury 116	W. Sheldon, A.H.A. Miss S. E. Newby, S.R.N., R.F.N., S.C.M.				120								j, n, m
Ainsworth Smallpox Hpl. (1), Ainsworth, Nr. Bolton, Lanes.	Bury 172	W. Sheldon, A.H.A. Miss M. P. O'Halloran, S.C.F.N., T.A.				40						40		
Aitken Sanatorium (1), Holcombe, Nr. Bury, Lanes.	Ramsbottom 2178	W. Sheldon, A.H.A. Miss D. J. S. Sloan, S.R.N., C.M.B.					70					70		n, m
Fairfield General Hpl., Bury, Lanes.	Bury 966	Harold Winter Miss F. R. Gardner, S.R.N., S.C.M.	86	55	162			201				504		l, m, n, y, z
Ramsbottom Cottage Hpl., Nuttall Lane, Ramsbottom, Lanes.	Ramsbottom 3123	Miss L. Lees, S.R.N. (Matron)	9	4								13		
Bealey Maternity Home, Dumers Lane, Radcliffe, Lanes.	Radcliffe 2371	Miss K. P. Ross, S.R.N., S.C.M. (Matron)		10								10		n
Rossendale General Hpl., Rawtenstall, Rossendale, Lanes.	Rossendale 219	F. Ellis	72	25	181			124				402		n, m, p, y, z
Greenfield Massage Centre, Haslingden, Lanes.	Rossendale 207													u
T.B. and V.D. Clinic, The Wyld, Bury, Lanes.	Bury 1260													u
T.B. Dispensary, Derbyshire Street, Radcliffe, Lanes.	Radcliffe 2323													u
Total Bed Complement			327 13	109	394	160	70	325		14		1,399 13		

SUB-GROUPING

(1) Forming part of Sub-Group Senior Administrative Officer:—W. SHELDON, A.H.A., Aitken Sanatorium

10. Rochdale and District Hospital Management Committee

Secretary and Supplies Officer: S. HODKINSON, D.P.A.(LON.), A.H.A.
132, Drake Street, Lancs.
Tel.: Rochdale 47821/2

Chairman: Councillor N. R. WOOLFENDEN,
37, Verdun Crescent, Rochdale, Lancs.

Finance Officer: G. KENDALL, A.I.M.T.A.,
132, Drake Street, Lancs.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Birch Hill Hpl., Dearnley, Lancs. Rochdale, Lancs.	Rochdale 8294	W. F. G. Alexander, F.H.A. J. Innes, M.D., D.P.H. (Med. Supt.) Miss M. K. T. Wilson, S.R.N., S.C.M.	179 43	31 14	173					35	418 57		a, d, l, n, o, u
Birch Hill (Now treated as one unit with Birch Hill Hpl.)	Rochdale 8294	W. F. G. Alexander, F.H.A. Mrs. P. Alexander, S.R.N., S.C.M.		221 52				127 14			348 66		n, m, y, z
Law Nursing Home, "Sparthfield," Manchester Road, Rochdale, Lancs.	Rochdale 2960	Miss E. Hartley F. J. Neuwahl, M.D., L.R.C.P. & S., PH.D. (Med. Supt.) Miss I. W. Dolan								5 10	5 10		
Rochdale Inf., Whitehall Street, Rochdale, Lancs.	Rochdale 4131	W. Wynne, F.H.A. J. J. O'Shaughnessy, M.B., B.CH., B.A.O. (Med. Supt.) Miss G. G. Laycock, S.R.N., S.C.M.	108							1	109		a, l, u
Rochdale Children's Orthopædic Hpl., Barnford, Rochdale, Lancs.	Rochdale 5615	Miss V. Osborne W. H. Bateman, M.B., CH.B. (Med. Supt.) Miss M. Bowyer, S.R.N., S.C.M.	50								50		
Rochdale Children's Orthopædic Clinic, Smith Street, Rochdale, Lancs.	Rochdale 2921	Miss V. Osborne W. H. Bateman, M.B., CH.B. (Med. Supt.)											u
Marland Infectious Diseases Hpl., Bolton Road, Rochdale, Lancs.	Rochdale 5916	S. Hodgkinson, D.P.A.(LON.), A.H.A. A. H. Heyworth, M.B., CH.B., D.P.H. (Med. Supt.) Miss G. Wilkinson, S.R.N., S.C.M., R.F.N.				50 70					50 70		j, n
Springfield Sanatorium, Bolton Road, Rochdale, Lancs.	Rochdale 57109	S. Hodgkinson, D.P.A.(LON.), A.H.A. A. H. Heyworth, M.B., CH.B., D.P.H. (Med. Supt.) Miss M. N. Wadham, S.R.N.					40				40		u
Wolstenholme Pulmonary Hpl., Norden, Rochdale, Lancs.	Rochdale 5608	S. Hodgkinson, D.P.A.(LON.), A.H.A. G. Fletcher, M.D., F.R.C.P. (Med. Supt.) Miss E. Glass, S.R.N.					58				58		

10. Rochdale and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Isolation Hpl., Bleaked Hill, Skithybridge, Littleborough, Lancs.	Littleborough 8238 Ext. 233	W. F. G. Alexander, F.H.A. E. Vining, M.B., CH.B. (Med. Supt.) Miss E. Maywhort, S.R.N., R.F.N., C.M.B.				14 18						14 18		
T.B. Dispensary, Baillie Street, Rochdale, Lancs.	Rochdale 47474 Ext. 233	S. Hodgkinson, D.P.A.(LON.), A.H.A. A. H. Heyworth, M.B., CH.B., D.P.H. (Med. Supt.)												"
V.D. Clinic, Baillie Street, Rochdale, Lancs.	Rochdale 47474 Ext. 239	S. Hodgkinson, D.P.A.(LON.), A.H.A. A. H. Heyworth, M.B., CH.B., D.P.H. (Med. Supt.)												"
T.B. Dispensary, 168, Drake Street, Rochdale, Lancs.	Rochdale 3892	S. Hodgkinson, D.P.A.(LON.), A.H.A. G. Fletcher, M.D., F.R.C.P. (Med. Supt.)												"
T.B. Dispensary, Stacksteads, Bacup, Lancs.	Bacup 201	S. Hodgkinson, D.P.A.(LON.), A.H.A. G. Barker Charnock L.R.C.S., L.P.C.P.(ED.), L.R.F.P.S.(GL.), D.P.H. (Med. Supt.)												"
TOTAL BED COMPLEMENT			337 43	31 14	394 52	64 88	98	127 14			41 10	1,092 221		

11. Oldham and District Hospital Management Committee

Secretary and Supplies Officer: F. W. BARNETT, F.H.A.,
Rochdale Road, Oldham, Lanes.
Tel.: Main 4687

Accountant: K. SPENCER,
Rochdale Road, Oldham, Lanes.

Boundary Park Municipal Hpl.,
Rochdale Road,
Oldham, Lanes.

Royal Inf.,
Union Street West,
Oldham, Lanes.

Chairman: F. LORD, O.B.E., J.P.,
Parkfield, Werneth Hall Road, Oldham, Lanes.

Engineer: (n.v.a.)

F. W. Barnett, F.H.A.
Miss A. E. Knight

F. W. Barnett, F.H.A.
Miss E. Nellist

Main

2351

Main

3828

99

233
50

200

8

340
50

200

16

a, d, l, n, o

a, d, l, n, t, u, v

11. Oldham and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Woodfield Nursing Home, Manchester Road, Oldham, Lancs.	Main 2900	F. W. Barnett, F.H.A. Miss E. Greenwood		20								20	20	n
Strinesdale Sanatorium, Moorside, Oldham, Lancs.	Main 4436	F. W. Barnett, F.H.A. Miss I. C. Ball					65					65		n
Westholme Isolation Hpl., Chadderton Road, Oldham, Lancs.	Main 5039	F. W. Barnett, F.H.A. Miss R. Rowell				98						98		j, l m, n
Boundary Park General Hpl. Annexe, Rochdale Road, Oldham, Lancs.	Main 4687	C. S. Brumpton, F.H.A. Mrs. C. S. Brumpton			422			340				762		n, y, z
Chadderton Pulmonary Hpl., Racefield, Royton, Lancs.	Main 4257	F. W. Barnett, F.H.A. Miss M. Crossley					52					52		n
Dr. Kershaw's Cottage Hpl., Turf Lane, Royton, Nr. Oldham, Lancs.	Main 2727	F. W. Barnett, F.H.A. Miss G. Ward	20									20	20	n
T.B. Dispensary, 25, Barber Street, Oldham, Lancs.	Main 4574	F. W. Barnett, F.H.A.												
T.B. Dispensary, Brook Street, Chadderton, Lancs.	Main 1671	F. W. Barnett, F.H.A.												
Orthopædic Clinic, Gainsborough Avenue, Oldham, Lancs.	Main 4833	F. W. Barnett, F.H.A.												
TOTAL BED COMPLEMENT			453 50	119	422	98	117	340			8	1,557 50	56	

12. Salford Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
V.D. Clinic, 155, Regent Road, Salford, 5, Lanes.	Trafford Park 0957	A. J. Gill (Med. Supt.)													
Chest Clinic, 143, Regent Road, Salford, 5, Lanes.	Trafford Park 1461	R. N. Walker (Med. Supt.)													
T.B. Dispensary, 121, Station Road, Pendlebury, Lanes.	Swinton 1895	R. N. Walker (Med. Supt.)													
TOTAL BED COMPLEMENT			985	157	225	104 268	71	2		78 24	34	1,656 292	14		

SUB-GROUPING

- (1) Royal Manchester Children's Hpl. Sub-Group ...
(2) Hope, Ladywell and Drinkwater Hpls. Sub-Group ...

Senior Administrative Officer:—H. HEARDMAN, F.H.A., Royal Manchester Children's Hpl.
Senior Administrative Officer:—C. A. A. HANKINS, F.H.A., Hope Hpl.

13. North Manchester Hospital Management Committee

Secretary: A. T. SAMPSON, F.H.A., F.C.C.S.,
Crumpsall Hpl.
Tel.: Cheetham Hill 2132

Finance Officer: M. POLOWAY, A.I.M.T.A., A.S.A.A.,
Crumpsall Hpl.

Chairman: PHILIP M. OLIVER, C.B.E.,
"Oakfield," Langham Road, Bowdon, Cheshire

Supplies Officer: C. D. DRAKE,
Crumpsall Hpl.

Ancoats Hpl., Mill Street, Ancoats, Manchester, 4	Collyhurst 2204	J. H. Dafforne, F.H.A., F.C.I.S., A.I.A.C. Miss M. J. Bowman, S.R.N., S.R.F.N., S.C.M.	140								10	150		a, l, q, v
Northern Hpl., Hill Road, Cheetham, Manchester, 8	Cheetham Hill 2241	J. C. Daniels, F.H.A. Miss M. Bean, S.R.N., S.C.M., D.N.(LEEDS)	102								14	116		a, l, t, u
Victoria Memorial Jewish Hpl., Elizabeth Street, Cheetham, Manchester, 8	Blackfriars 0704	M. Gruber Miss W. M. Mansell, S.R.N., S.C.M.	86								16	102		a, l, n, t, u
Crumpsall Hpl., DeLaunays Road, Crumpsall, Manchester, 8	Cheetham Hill 1811	A. T. Sampson, F.H.A., F.C.C.S. D. W. Macartney, M.D., M.B., CH.B., D.P.H. (Med. Supt.) Miss E. M. Hillier, S.R.N., S.C.M.	639	144	420						6	1,209		a d, l, n, o, t, u, v

13. North Manchester Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Beech Mount Maternity Home, Beech Mount, Harpurhey, Manchester, 9	Collyhurst 2871	A. T. Sampson, F.H.A., F.C.C.S. Miss B. J. Mullan, S.R.N., S.C.M.		12						2	14			11
Great Warford Convalescent Home, Alderley Edge, Cheshire (Attached to Ancoats Hpl.)	Mobberley 2150	J. H. Dafforne, F.H.A., F.C.I.S., A.I.A.C. Miss G. M. Jones, S.R.N.							24		24			
TOTAL BED COMPLEMENT			967	156	420				24	48	1,615			

14. West Manchester Hospital Management Committee

Chairman: Alderman H. Lord, J.P., C.C.,
215, Seymour Grove, Manchester, 16
Engineer: J. A. Bottoms, M.I.H.E.,
Park Hpl.

Secretary and Supplies Officer:
H. P. Ash, A.H.A., F.C.C.S., M.P.S.,
Park Hpl.

Finance Officer: W. Nightingale

Park Hpl., Moorside Road, Davyhulme, Nr. Manchester	Urmston 3294	H. P. Ash, A.H.A., F.C.C.S., M.P.S., Miss A. Dolan, R.R.C.	353 74	73								426 74		d, l, o, t, u
Urmston Cottage Hpl., Greenfield Avenue, Urmston, Lancs.	Urmston 2842	H. P. Ash, A.H.A., F.C.C.S., M.P.S., Miss M. Talbot	8	15								23		n
Stretford Memorial Hpl., Seymour Grove, Old Trafford, Manchester, 16	Chorlton 3804	W. G. Swann Miss A. Murphy	32	20							8	60		n, u
Eccles and Patricroft Hpl., Cromwell Road, Eccles, Lancs.	Eccles 3054	B. Manson Miss E. Fowler	51	12							9	72		d, n, u
Bridgewater Hpl., Green Lane, Patricroft, Lancs.	Eccles 2227	G. E. Ryder Mrs. A. S. Ryder			149			162			90*	401		m, n, y, z. *Part III accommodation
T.B. Dispensary, 28-30, Gilda Brook Road, Eccles, Lancs.	Eccles 3533	H. P. Ash, A.H.A., F.C.C.S., M.P.S.												
T.B. Dispensary, 14, Derbyshire Lane, Stretford, Lancs.	Longford 2010	H. P. Ash, A.H.A., F.C.C.S., M.P.S.												
TOTAL BED COMPLEMENT			444	120	149			162		90	17	982 74		

15. South Manchester Hospital Management Committee

Secretary: A. H. KEATES, F.H.A., F.C.I.S.,
Christie Hpl. & Holt Radium Institute

Chairman: Councillor Mrs. E. HILL, J.P.,
57, Moss Lane, Ashton-on-Mersey, Cheshire

Finance Officer: G. C. BURNHAM, A.I.M.T.A., A.S.A.A., F.R.ECON.S.,
Withington Hpl.

Supplies Officer: E. F. BARBER, F.H.A.,
Withington Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Withington Hpl., Nell Lane, West Didsbury, Manchester, 20	Didsbury 2471	E. F. Barber, F.H.A. J. M. Greenwood, M.D., D.P.H. (Med. Supt.) Miss J. Rhodes	644	89								733		a, d, l, n, o, t, u
			242	25									267	
Baguley E.M.S. Annexe Hpl., Nr. Altrincham, Cheshire	Wythenshawe 2282	R. Lawton Hall, D.C.M., M.M., F.H.A. H. G. Trayer, M.B., B.CH., B.A.O., D.P.H. (Med. Supt.) Miss N. H. Burrows	112				62					174		n, u
			60				66					126		
Christie Hpl. and Holt Radium Institute, Wilmslow Road, Withington, Manchester, 20	Didsbury 2431	A. H. Keates, F.H.A., F.C.I.S., F.I.A.C. Miss G. G. Goodchild	230							28		258		n, t, u
St. John's Ear Hpl., 25, St. John's Street, Manchester	Central 6984	J. B. Hodgkiss Miss M. H. Dutton	14									14		u
Manchester Ear Hpl., Grosvenor Square, All Saints, Oxford Road, Manchester, 15	Central 4841	Miss M. N. Choate Miss V. Helm	30									30		u
Devonshire Royal Hpl., Buxton, Derbyshire	Buxton 1257/8	A. Preston Turner, F.H.A. Miss I. Sabin	196									196		n, q, t, u
Buxton Clinic Annexe, Buxton, Derbyshire (Devonshire Royal Hpl.)		A. Preston Turner, F.H.A. Miss I. Sabin	81									81		n, t
Baguley Sanatorium, Nr. Altrincham, Cheshire	Wythenshawe 2282	R. Lawton Hall, D.C.M., M.M., F.H.A. H. G. Trayer, M.B., B.CH., B.A.O., D.P.H. (Med. Supt.) Miss N. H. Burrows, S.R.N., S.C.M.					305					305		c, e, l, n, u
							115					115		
T.B. Dispensary, Oxford Road, Manchester, 13	Ardwick 1167	C. Anderton												u
TOTAL BED COMPLEMENT			1,307	89			367			28		1,791		
			302	25			181					508		

15. South Manchester Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Newholme, Nell Lane, West Didsbury, Manchester, 20	Didsbury 2471	Manchester City Borough	479

16. Ashton, Hyde and Glossop Hospital Management Committee

Secretary: R. W. McVITY, B.A., F.C.C.S.,
Astley Road, Stalybridge, Cheshire
Tel.: Stalybridge 2681/3

Supplies Officer: H. M. DAWSON,
Astley Road, Stalybridge, Cheshire

Chairman: F. G. RALPHS, M.B., F.R.C.S.,
120, Stamford Street, Ashton-under-Lyne, Lancs.

Finance Officer: H. F. HASLEDEN, A.I.M.I.A.,
Astley Road, Stalybridge, Cheshire

Engineer: A. E. EVANS,
Astley Road, Stalybridge, Cheshire

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Ashton Inf., Darnton Road, Ashton-under-Lyne, Lancs.	Ashton 1611/3	G. Collier Miss H. M. Graveney, S.R.N., S.C.M.	130 67								3	133 67		a, l, n
Lake Hpl., Mellor Road, Ashton-under-Lyne, Lancs.	Ashton 1856/8	G. C. R. Watts W. E. C. Thomas, M.B., F.R.C.O.G. (Med. Supt.) Miss D. Taplin, R.R.C.	134 30	80	206 50			102				522 80		a, l, n, o, u, v, z
Smallpox Hpl., Hartshead, Ashton-under-Lyne, Lancs.	Mossley 39	R. W. McVity, B.A., F.C.C.S. Miss J. M. Mason, S.R.N., R.F.N.				14						14		
Aspland Maternity Home, Werneth Lodge, Hyde, Cheshire		R. W. McVity, B.A., F.C.C.S. Miss A. Shuttleworth, S.R.N., S.C.M., A.R.S.I.		11								11		
Isolation Hpl., Back Bower Lane, Hyde, Cheshire	Hyde 834	R. W. McVity, B.A., F.C.C.S. Miss M. Johnson, S.R.N., R.F.N., S.C.M.				14 48	33					47 48		m
Smallpox Hpl., Hyde	Hyde 834	R. W. McVity, B.A., F.C.C.S. Miss M. Johnson, S.R.N., R.F.N., S.C.M.				40						40		

16. Ashton, Hyde and Glossop Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Woods Hpl., Howard Park, Glossop, Derbyshire	Glossop 36	R. W. McVity, B.A., F.C.C.S. Miss M. J. McLaughlen, S.R.N., S.C.M.	24									24		"
		R. W. McVity, B.A., F.C.C.S. Miss B. Finnerty, S.R.N., S.C.M.	10									10		
Partington Maternity Home, North Road, Glossop, Derbyshire	Glossop 53	W. Lister Mrs. C. A. Lister, S.R.N., S.C.M.	4		77							81		"
		R. W. McVity, B.A., F.C.C.S.												
Shire Hill Hpl., Glossop, Derbyshire	Glossop 29	R. W. McVity, B.A., F.C.C.S.												
T.B. Dispensary, Lees Street, Ashton-under-Lyne, Lancs.	Ashton 1775	R. W. McVity, B.A., F.C.C.S.												
T.B. Dispensary, Beeley Street, Hyde, Cheshire	Hyde 587	R. W. McVity, B.A., F.C.C.S.												
		TOTAL BED COMPLEMENT	292 97	101	283 50	68 48	33	102			3	882 195		

17. North and Mid-Cheshire Hospital Management Committee

Chairman: Colonel T. BLATHERWICK, C.B., D.S.O., M.C.,
Bramley, Knutsford, Cheshire [T.D., D.L., A.D.C., J.P.

Engineer: J. AITKEN,
The Hospital, Sinderland Road, Altrincham, Cheshire

						<i>a, l</i>
Altringham General Hpl., Market Street and Regent Road, Altringham, Lanes.	Altringham 2678	E. A. Biden, F.H.A., F.C.C.S. Miss P. M. Allen, S.R.N., D.N.	95		5	100
Maternity Hpl., Sinderland Road, Altringham, Lanes.	Altringham 3208	Miss F. Jones (Matron)		14		14
Sale and Brooklands Hpl., Charlton Drive, Sale, Cheshire	Sale 2596	Miss C. Donohoe (Matron)	16	10		26

17. North and Mid-Cheshire Hospital Management Committee

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
"Southfields" Maternity Hpl., Richmond Road, Bowdon, Cheshire	Altrincham 3788	Miss W. Williams (Matron)		14									14	
		Miss L. Bell (Matron)	15								2		17	
Knutsford Cottage Hpl., Northwich Road, Knutsford, Cheshire	Knutsford 63	Miss E. Hunter (Matron)	48								2		50	
		Miss M. G. Matthews (Matron)	46								4		50	
Victoria Inf. and Clinic (1), Northwich, Cheshire	Northwich 4331	Miss D. Biggs (Matron)				64							64	
		Miss B. E. Hulks (Matron)	20										20	
Davenham Isolation Hpl. (1), Davenham, Northwich, Cheshire	Northwich 2071	Miss M. M. Sloane (Matron)	14								1		15	
Albert Inf. (1), Winsford, Cheshire	Winsford 2319													
War Memorial Hpl. (1), Victoria Street, Tarporley, Cheshire	Tarporley 36													
Manchester Ear, Nose and Throat Hpl., Hardman Street, Manchester, 3	Blackfriars 4929													
TOTAL BED COMPLEMENT			254	38		64					14		370	

SUB-GROUPING

(1) Mid-Cheshire Sub-Group Senior Administrative Officer:—E. A. BIDEN, F.H.A., F.C.C.S.,
The Hospital, Sunderland Road, Altrincham, Cheshire

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institutions

<i>Name and Address of Institution</i>	<i>Telephone</i>	<i>Name of Authority owning Institution</i>	<i>No. of Beds provided for H.M.C.</i>
Cranford Lodge Hpl., Knutsford, Cheshire Weaver Hall Hpl., London Road, Northwich, Cheshire	Knutsford 2112 Northwich 2033	Cheshire County Council Cheshire County Council	153 75

18. Stockport and Buxton Hospital Management Committee

Secretary: H. G. PRICE, F.H.A., A.C.I.S.,
59B, Shaw Heath, Stockport,
Cheshire
Tel.: Stockport 3212/3

Finance Officer: E. J. DURRANT,
59B, Shaw Heath, Stockport,
Cheshire
Tel.: Stockport 4092

Chairman: Colonel G. CHRISTIE-MILLER, C.B., D.S.O., M.C., D.L.,
Acton Grange, Nantwich, Cheshire

Supplies Officer: B. HUGGINS,
59B, Shaw Heath, Stockport,
Cheshire
Tel.: Stockport 3212/3

Engineer: A. MORDUE,
59B, Shaw Heath, Stockport,
Cheshire
Tel.: Stockport 3212/3

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Stepping Hill Hpl., Poplar Grove, Stockport, Cheshire	Great Moor 3821	C. N. Conder, F.H.A. Dr. W. More (Med. Supt.) Miss F. A. Moore	292	73	53		52					470		a, d, l, n, o, u
	Stockport 4847	A. House, A.H.A. Miss S. M. Underwood	174							5		179		a, l, n, u
	Great Moor 3038	A. House, A.H.A. Miss S. M. Underwood	22									22		
Poise House Continuation Hpl., Offerton Road, Hazel Grove, Stockport, Cheshire	Great Moor 2449	Miss F. V. M. Caldwell (Matron)				112	8					120		j, n
Cherry Tree Hpl., Cherry Tree Lane, Stockport, Cheshire	Stockport 3247	W. Tattum, F.H.A. Mrs. W. Tattum			255			162				417		n, y, z
Shaw Heath Hpl., 59A Shaw Heath, Stockport, Cheshire	Heaton Moor 2053	H. S. A. Ryley, F.H.A. Miss P. J. Williamson	80									80	80	n
Mauldeth Home, Mauldeth Road, Heaton Mersey, Stockport, Cheshire	Marple 151	H. M. Fleming (Med. Supt.) Miss H. M. Sheen					100					100		n
Nab Top Sanatorium, Dale Road, Marple, Cheshire	Marple 124	Miss A. Nuttall (Matron)	62									62		n
Children's Orthopaedic Hpl., Dale Road, Marple, Cheshire	New Mills 2153	W. Tattum, F.H.A. Mrs. E. Smyth						56				56		n, y, z
Ollersett View Hpl., Hayfield, Derbyshire														

18. Stockport and Buxton Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
T.B. Dispensary and V.D. Clinic, Stockport, Cheshire	Stockport 2204	Dr. A. R. M. Moir (Med. Supt.)	35	1							4	40		"
Buxton Hpl. (1), London Road, Buxton, Derbyshire	Buxton 463	R. N. Jackson Miss E. Hodgson												"
High Peak Hpl. (1), Chinley, Derbyshire	Chapel-en-le- Frith 24	R. N. Jackson Mrs. E. G. Penn				36						36		"
Ashwood Dale Hpl. (1), Ashwood Dale, Buxton, Derbyshire	Buxton 10	R. N. Jackson Miss M. A. Roberts				16						16		"
TOTAL BED COMPLEMENT			643	74	308	164	160	218			9	1,576		
			22									22		

SUB-GROUPING

(1) Buxton Sub-Group... Senior Administrative Officer:—R. N. JACKSON, Buxton Hpl.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
The Elms, Manchester Road, Chapel-en-le-Frith, Derbys.	Chapel-en-le-Frith 54	Derbyshire County Council	43

19. Macclesfield and District Hospital Management Committee

Secretary and Supplies Officer: G. P. Siggins, A.H.A.,
West Park General Hpl.

Chairman: Councillor F. B. Buxton,
Hill Crest, Bennetts Lane, Bosley, Macclesfield, Cheshire

Finance Officer: J. Howarth,
West Park General Hpl.

Engineer: F. Moss,
West Park General Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
General Inf., Cumberland Street, Macclesfield, Cheshire	Macclesfield 3601	W. J. Hughes Miss M. R. M. Ritchie, S.R.N., S.C.M.	76	2	10							88	13	c, l, n, u, v
		144 40	21	56 19								221 59		a, l, n, p, u
Isolation Hpl., Macclesfield, Cheshire	Macclesfield 2424	G. P. Siggins, A.H.A. E. W. Thomas, M.B., F.R.F.P.S., F.R.C.S.E. (Med. Supt.) Miss E. Jones, S.R.N., S.C.M., R.F.N.												
					84							84		n
War Memorial Hpl., Canal Road, Congleton, Cheshire	Congleton 180	H. R. Dugdale (Med. Supt.) Miss B. A. Hannick, S.R.N., R.F.N.												
		29								4	33		n	
Heath Isolation Hpl., Congleton, Cheshire	Congleton 92	W. J. Hughes Miss G. Worthington, S.R.N., S.C.M., M.B.E.												
					32						32		n	
Alderley Edge Cottage Hpl., Alderley Edge, Cheshire	Alderley 3621	H. Ferrand Miss E. Shenton, S.R.N., F.R.N.												
		14								4	18		n	
Prestbury Hall Maternity Home, Prestbury, Cheshire	Prestbury 8480	W. J. Hughes Miss F. Moxon, S.R.N.												
			30								30		n	
Collar House Maternity Home, Prestbury, Cheshire	Prestbury 8263	A. R. Wise, F.H.A. Miss M. A. B. Robertson, S.R.N., S.C.M.												
			40								40		n	
TOTAL BED COMPLEMENT			263 40	93	66 19	116					8	546 59	13	

20. South Cheshire Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Ravensmoor Smallpox Hpl., Nantwich, Cheshire						8						8		
Arcld Smallpox Hpl., Nr. Sandbach, Cheshire						6						6		
TOTAL BED COMPLEMENT			125	73	498	112	51	26	152		2	1,039	6	

21. Manchester Babies' and Children's Hospital Management Committee

Secretary and Supplies Officer: H. TAYLOR, F.H.A.,
Booth Hall Hpl.

Finance Officer: Miss E. AUSTIN, A.C.A.,
Booth Hall Hpl.

Engineer: (n.y.a.)

Chairman: Councillor W. ONIONS, J.P.,
126, Charlestown Road, Blackley, Manchester, 9

Booth Hall Hpl. for Children, Charlestown Road, Blackley, Manchester, 9	Cheetham Hill 2254	H. Taylor, F.H.A. W. H. Patterson, M.D., D.C.H. (Med. Supt.) Miss D. Biddle, R.S.C.N., S.R.N., S.C.M.	310 275									310 275		h, l, n, t, u
Duchess of York Hpl. for Babies, Burnage Lane, Levenshulme, Manchester, 19	Rusholme 1427	Miss J. E. F. Laycock, R.S.C.N., S.R.N. (Matron)	92 9									92 9		c, i, l, n, t
Monsall Hpl. for Infectious Diseases, Monsall Road, Newton Heath, Manchester, 10		C. Johnson D. C. Liddle, M.B., CH.B., D.P.H. (Med. Supt.) Miss J. B. C. Orchardson, M.B.E., R.R.C.				180 420						180 420		j, l, u
TOTAL BED COMPLEMENT			402 224			180 420						582 644		

22. Wroughtington Hospital Management Committee

Secretary and Finance Officer: H. E. WATSON,
Wroughtington Hpl.
Supplies Officer: M. H. SEDDON,
Wroughtington Hpl.

Chairman: Councillor G. E. HARDMAN, J.P.,
24, Scarisbrick New Road, Southport, Lancs.
Engineer: T. ASHTON,
Wroughtington Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Wrightington Hpl., Appley Bridge, Nr. Wigan, Lancs.	Appley Bridge 338	H. E. Watson J. Dobson, M.R.C.S., L.R.C.P. (Med. Supt.) Miss S. A. Holmes, S.R.N.					351						351		c, e, l, n, u
		TOTAL BED COMPLEMENT					351						351		

23. Hefferston Grange Hospital Management Committee

Secretary and Finance Officer: L. A. JONES,
62, Hood Lane, Warrington, Lancs.
Supplies Officer: A. B. COLOHAN,
Hefferston Grange Sanatorium

Chairman: Alderman D. PLINSTON, J.P.,
188, Padgate Lane, Warrington, Lancs.
Engineer: E. MAKIN,
The Lodge, Hefferston Grange Sanatorium

Hefferston Grange Sanatorium, Weaverham, Nr. Northwich, Cheshire	Weaverham 9	L. A. Jones A. B. Colohan, M.B., CH.B. (Med. [Supt.]) Mrs. D. Lee					86 80					86 80		l, n
		TOTAL BED COMPLEMENT					86 80					86 80		

24. Springfield and Swinton Hospital Management Committee

Secretary and Finance Officer: H. ELLIS, A.H.A.,
Springfield Hpl.
Supplies Officer: A. LOCKLEY,
Springfield Hpl.

Chairman: Councillor R. MALCOLM, SHR., J.P.,
8, Hora Street, Beswick, Manchester, 11
Engineer: H. CAMPBELL,
Springfield Hpl.

Springfield Hpl., Crumpsall, Manchester, 8	Cheetham Hill 1811	H. Ellis, A.H.A. Miss S. E. Beardshaw, S.R.N., S.C.M.			315			670		468*		1,453		m, n, l, v, y, z, * Part III accom- modation
Swinton Hpl., 196, Partington Lane, Swinton, Manchester	Swinton 1947	W. T. Williams, F.H.A. Mrs. E. Williams, R.M.P.A.						130				130		x
		TOTAL BED COMPLEMENT			315			670	130	468		1,583		

25. Lancaster Moor Hospital Management Committee

Secretary and Finance Officer: J. J. MASON, F.H.A.,
Lancaster Moor Hpl.
Supplies Officer: Dr. J. D. SILVERSTON,
Lancaster Moor Hpl.

Chairman: W. J. GARNETT, D.L., J.P.,
Quernmoore Park, Lancs.
Engineer: W. M. LEWTY,
Lancaster Moor Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Lancaster Moor Hpl., Lancaster	Lancaster 1144	J. J. Mason, F.H.A. Dr. J. D. Silverston (Med. Supt.) Miss M. E. May						2,579			207	2,786	85	f, l, n, u, v, w, z
		TOTAL BED COMPLEMENT						2,579			207	2,786	85	

26. Whittingham Hospital Management Committee

Secretary and Supplies Officer: W. A. HIGGS, F.H.A.,
Whittingham Hpl.
Finance Officer: F. RIDING, A.H.A.,
Whittingham Hpl.

Chairman: Alderman J. FRYARS, J.P.,
Cranleigh, Gorse Road, Blackburn, Lancs.
Engineer: T. SMITH,
Whittingham Hpl.

Whittingham Hpl., Whittingham, Nr. Preston, Lancs.	Goosnargh 261	W. A. Higgs, F.H.A. Dr. A. R. Grant, O.B.E., J.P. (Med. Supt.) Miss I. A. Waite, S.R.N., R.M.P.A.						3,167					3,167		f, l, n, v, w, z
Ribchester Hpl., Nr. Longridge, Lancs.	Longridge 216	E. G. Heaver Dr. A. R. Grant, O.B.E., J.P. (Med. Miss J. O. Heaver, S.R.N. (Supt.)						137				137			y, z
		TOTAL BED COMPLEMENT						3,304				3,304			

27. Prestwich Hospital Management Committee

Secretary and Supplies Officer: H. WINTERS, F.H.A.,
Prestwich Hpl.
Finance Officer: (n.y.a.)

Chairman: Alderman R. FAIRHURST, J.P.,
75, Harpers Lane, Bolton, Lancs.
Engineer: E. HEALD, M.I.E.C., M.INST.F.,
Prestwich Hpl.

Prestwich Hpl., Prestwich, Nr. Manchester	Prestwich 2236/7	H. Winters, F.H.A. G. Talbot, M.B., B.CH. (Med. Supt.) Miss A. J. Adams, S.R.N., R.M.P.A.						2,947					2,947		f, l, n, v, w, z
		TOTAL BED COMPLEMENT						2,947				2,947			

28. Parkside Macclesfield Hospital Management Committee

Secretary: G. N. WAIN,
43, Church Side, Macclesfield
Tel.: Macclesfield 2255

Finance Officer: G. J. BRISTOW, F.H.A., F.C.I.S., A.I.A.C.,
Parkside Hpl.

Chairman: F. B. BUXTON, J.P., C.C.,
Bosley, Macclesfield, Cheshire

Engineer: E. J. CHAPPEL,
Parkside Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Parkside Hpl., Macclesfield, Cheshire	Macclesfield 2617	P. M. Crowe, M.B., CH.B.(MAN.), D.P.M.(LOND.) (Med. Supt.) Miss C. A. M. Moore						1,486 84				1,486 84		f, n, u, v, w
		TOTAL BED COMPLEMENT						1,486 84				1,486 84		

30. Royal Albert Hospital Management Committee

Secretary and Finance Officer: Major R. H. WELCH, D.S.O.,
Royal Albert Hpl.
Tel.: Lancaster 1553

Chairman: Councillor J. WELCH, M.A., LL.B.,
Hampson, Galgate, Nr. Lancaster

Supplies Officer and Engineer: (vacant)

Royal Albert Hpl., Lancaster	Lancaster 21	Major R. H. Welch, D.S.O., F.H.A. D. H. H. Thomas, B.Sc., M.R.C.S., L.R.C.P., D.P.M. (Med. Supt.) Miss S. M. Collingwood							920			920		g, l, n, x	
		T. W. Foster Mrs. D. Foster								110			110		x
		TOTAL BED COMPLEMENT												1,030	
Milnthorpe Hpl., Milnthorpe, Westmorland	Milnthorpe 9														

Milnthorpe Hpl.,
Milnthorpe, Westmorland

31. Brockhall and Calderstones Hospital Management Committee

Joint Secretaries and Finance Officers:
C. R. IKIN, F.H.A., and H. LINDSAY, F.H.A.,
Calderstones Institution

Chairman: Alderman Miss M. L. K. JONES, O.B.E., J.P., M.A.,
9, Neston Avenue, Manchester, 20

Brockhall Institution, Langho, Nr. Blackburn, Lancs.	Blackburn 48045	H. Lindsay, F.H.A. D. J. Rose, M.R.C.S., L.R.C.P. (Med. Supt.) Miss A. Cartwright							1,996			1,996		g, l, n, x	
		C. R. Ikin, F.H.A. G. S. Robertson, M.B., CH.B. (Med. Supt.) Miss M. Johnston							2,378			2,378		g, l, n, x	
Calderstones Institution, Whalley, Nr. Blackburn, Lancs.	Whalley 2121	TOTAL BED COMPLEMENT												4,374	

Calderstones Institution,
Whalley,
Nr. Blackburn, Lancs.

32. Cranage Hall Hospital Management Committee

Secretary and Finance Officer: J. G. WEBSTER,
Cranage Hall Hpl.

Chairman: Alderman W. GITTINS,
27, Lowland Road, Runcorn, Cheshire

Supplies Officer: Dr. E. A. HASLEM FOX,
Cranage Hall Hpl.

Engineer: L. A. VAN HOVE,
Cranage Hall Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Cranage Hall Hpl., Holmes Chapel, Cheshire	Holmes Chapel 2192	J. G. Webster							385			385		g, m, n, x
		Dr. E. A. Haslam Fox (Med. Supt.) Miss M. Kennelly												
Mary Dendy Hpl., Great Warford, Nr. Alderley Edge, Cheshire	Mobberley 2149	Miss A. Olive, A.H.A.							305	120*		425		g, x. *Special school
		Dr. G. R. Pile (Med. Supt.)												
TOTAL BED COMPLEMENT									690	120		810		

LIVERPOOL REGION

Area : The county boroughs of Birkenhead, Bootle, Chester, Liverpool, St. Helens, Southport, Wallasey and Warrington.

So much of the administrative county of Chester as comprises the borough of Bebington; the urban districts of Ellesmere Port, Hoylake, Hoole, Lymm, Neston, Runcorn and Wirral; and the rural districts of Chester, Runcorn and Tarvin. So much of the administrative county of Lancaster as comprises the boroughs of Crosby and Widnes; the urban districts of Formby, Golborne, Haydock, Huyton with Roby, Litherland, Newton-le-Willows, Ormskirk, Prescott, Rainford and Skelmersdale; and the rural districts of Warrington, West Lancashire and Whiston.

Population : 2,007,775.

Regional Board Office

Address : Alexandra Buildings, 19, James Street, Liverpool, 2

Telephone : Central 8231

Chairman of Board : T. Keeling, J.P. (b)

Other Members : (a) Dr. D. Brown, J.P., W. Gibbs, Miss M. Jones, O.B.E., J. F. Mountford, D. R. Owen, A. Parkin, J.P., Alderman D. Plinston, J.P., E. Smethurst, Prof. H. H. Stones; (b) Miss A. L. Bulley, Prof. H. Cohen, H. D. Ellidge, T. W. Harley, M.B.E.; M.C., J. E. Nicole, O.B.E., W. S. Rhodes, J.P., Prof. A. L. Robinson; (c) E. E. Ashton, F. Bidston, Alderman N. Birch, J.P., Prof. T. B. Davie, Miss A. D. Eills, M.B.E., J.P., Prof. W. M. Frazer, O.B.E., J. Taylor.

N.B.—Members under (a) are appointed to serve until March 31st, 1952; those under (b) until March 31st, 1950; those under (c) until March 31st, 1951.

Secretary :

V. H. COLLINGE, F.H.A., A.C.A.

Assistant Secretary :

R. O. FREEMAN, B.SC.(ECON.), A.H.A.

Treasurer :

W. G. WORTHINGTON, A.I.M.T.A., A.S.A.A.

Assistant Treasurer :

G. A. MURCH, A.I.M.T.A., A.S.A.A.

Architect :

T. N. MITCHELL, B.ARCH., A.R.I.B.A.

Legal Adviser :

N. RYLAND, M.A.(CANTAB.)

Regional Engineer :

M. H. COOKE, A.M.I.MECH.E.

Senior Admin. Medical Officer :

T. LLOYD HUGHES, M.D., D.P.H.

Assistant Senior Medical Officers :

A. MENZIES, M.B., CH.B., D.P.H.

J. M. KERR, M.B., CH.B., M.D., D.P.H.

J. A. RUSHWORTH, M.R.C.S., L.R.C.P., D.P.H.

Teaching Hospital within Region : The United Liverpool Hospitals.

LIVERPOOL REGION—HOSPITAL MANAGEMENT COMMITTEES AND HOSPITALS

1. Southport and District Hospital Management Committee

Secretary and Supplies Officer :
T. CROOK, F.H.A., D.P.A., A.R.S.N.I.,
Southport Convalescent Hpl.

Chairman : Alderman C. AVELING, C.B.E., J.P.,
Southport Convalescent Hpl.

Finance Officer : W. R. WILKINSON, A.S.A.A.,
Southport Convalescent Hpl.

Hospital	Telephone	Senior Officers	Bed Complement							Total	P.P.	Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	
Southport General Inf. (1), Scarlsbrick New Road, Southport, Lancs	Southport 4121	J. N. A. Briscoe, F.H.A. Miss D. W. Arber, S.R.N., S.C.M.	156*									a l, n, n, n. *Includes 15 beds allocated as necessary
Sunnyside Annexe (5), 14, Knowsley Road, Southport, Lancs	Southport 55561	Miss E. V. Mott, A.H.A. Miss D. A. Hughes, S.R.N., S.C.M.								64†		l, n. †Convalescent
Hydropathic Hpl., Bath Street North, Southport, Lancs	Southport 3601											Used as a nurses' home
New Hall T.B. Hpl. (2), Scarlsbrick, Nr. Southport, Lancs	Scarlsbrick 217	Miss R. McLennan, R.F.N., S.R.N. (Matron)					36					n
New Hall Isolation Hpl. (2), Scarlsbrick, Nr. Southport, Lancs	Scarlsbrick 217	Miss R. McLennan, R.F.N., S.R.N. (Matron)				20 70						j, n
Christiana Hartley Maternity Hpl. (1), Curzon Road, Southport, Lancs	Southport 2252	J. N. A. Briscoe, F.H.A. Miss E. Graham, S.R.N., S.C.M.		18							10	n
Fleetwood Road Hpl. (5), Fleetwood Road, Southport, Lancs	Southport 55185	Miss E. V. Mott, A.H.A. Miss J. Mann, S.R.N., S.C.M., R.F.N.			65							n
Victoria Home (5), 20, Park Road, Southport, Lancs	Southport 5426	Miss E. V. Mott, A.H.A. Miss C. Parrey, S.R.N., S.C.M.			25							n
V.D. and Skin Hpl. (1), Pilkington Road, Southport, Lancs	Southport 2869	J. N. A. Briscoe, F.H.A. Miss N. L. J. Foster, S.R.N., C.M.B.	17 2									n
North of England Children's Sana- torium (5), Hawkshead Street, Southport, Lancs	Southport 4502	Miss E. V. Mott, A.H.A. Miss D. H. G. Monk, S.R.N.								113† 21		113 21

1. Southport and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Greaves Hall (4), Banks, Nr. Southport, Lancs	Southport 87714	T. W. Boyle	120						100						x
Southport Convalescent Hpl. and Sea- bathing Inf. (3), Promenade, Southport, Lancs	Southport 5158	Admin. Officer: (n.y.a.) D. Watson, M.B., CH.B.(GLAS) (Acting Med. Supt.) Miss A. Drinkwater, S.R.N., S.C.M. (Neurology Cert. Queens Square)	157		23									180	"
St. Katharine's Maternity Home (5), 2, Lathom Road, Southport, Lancs	Southport 2242	Miss E. V. Mott, A.H.A. Miss M. Shaw, S.R.N., S.C.M.		12							4			16	n, "
Cavendish House Hpl. (6), Ainsdale, Lancs															Closed at present
T.B. Dispensary (2), Hoghton Street, Southport, Lancs	Southport 5523														
TOTAL BED COMPLEMENT			330 122	30	113	20 70	36		100	177 21	14		820 213		

SUB-GROUPING	
(1) Forming part of Sub-Group	Senior Administrative Officer:—J. N. A. Briscoe, F.H.A., Southport General Hpl.
(2) Forming part of Sub-Group	Senior Administrative Officer:—(n.y.a.)
(3) Forming Sub-Group	Senior Administrative Officer:—(n.y.a.)
(4) Forming Sub-Group	Senior Administrative Officer:—T. W. Boyle, Greaves Hall.
(5) Forming Sub-Group	Senior Administrative Officer:—Miss E. V. Mott, A.H.A., Sunnyside Annexe.
(6) Forming part of Sub-Group	Senior Administrative Officer:—(n.y.a.)

2. Ormskirk and District Hospital Management Committee

Secretary and Supplies Officer : H. E. BECK, A.H.A.,
Ormskirk County Hpl.

Chairman : F. T. H. WOOD, O.B.E., M.D., D.P.H.,
The Cross House, Hightown, Liverpool.

Finance Officer : F. S. ROBINSON, A.I.M.T.A.,
Ormskirk County Hpl.

Engineer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P	Notes
Ormskirk General Hpl., Hants Lane, Ormskirk, Lancs	Ormskirk 88	Miss M. J. Robertson, S.R.N. (Matron)	42								3	45		
Green Lane Isolation Hpl. Green Lane, Ormskirk, Lancs	Ormskirk 37	J. G. Hailwood, M.D., D.P.H. (Med. Supt.) Miss M. Dailey, S.R.N., R.F.N.				26 14						26 14		
Rufford Pulmonary Hpl., Rufford, Nr. Ormskirk, Lancs	Rufford 205	C. Berry, L.R.C.P., L.R.C.S., D.P.H. (Med. Supt.) Miss G. Hughes, S.R.N.					52					52		1
Bootle Sanatorium, Park Lane, Maghull, Lancs	Maghull 40	Miss M. I. Masterton S.R.N. (Matron)					24					24		
Ormskirk County Hpl., Wigan Road, Ormskirk, Lancs	Ormskirk 5, 301	H. E. Beck, A.H.A. Miss M. T. Boyle, S.R.N., S.C.M.	148	36	120			116				420		1, n, x, y, z
TOTAL BED COMPLEMENT			190	36	120	26 14	76	116			3	567 14		

3. St. Helens and District Hospital Management Committee

Secretary : N. RICHARDS, A.H.A., A.R.S.A.N.I., F.C.C.S.,
County Hpl.

Supplies Officer : C. GILLET, F.H.A., F.C.C.S.,
County Hpl.

Finance Officer : H. J. PILLING, A.H.A., A.I.M.T.A.,
County Hpl.

Chairman : Alderman R. RENNIE,
49, Robins Lane, St. Helens, Lancs

Engineer : V. GRANVILLE,
County Hpl.

County Hpl., Whiston, Nr. Prescot, Lancs	Prescot 6281	N. Richards, A.H.A., F.C.C.S., A.R.S.A.N.I. W. N. Chisholm, M.B.E., M.B., CH.B., F.R.C.S., D.R.C.O.G. (Med. Supt.) Miss F. M. Ingham	557	63	262							882		a, d, l, n, o, t, x, y, z
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23. St. Helens and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Priv.	Total		P.P.
T.B. Dispensary, Claughton Street, St. Helens, Lancs	St. Helens 4061 Ext. 240													
V.D. Clinic, Claughton Street, St. Helens, Lancs	St. Helens 4061 Ext. 303													
T.B. Clinic, Chapel Street, Widnes, Lancs	Widnes 2156													
TOTAL BED COMPLEMENT			752	139	262	240	75	224		222	17	1,931		

4. Warrington and District Hospital Management Committee

Secretary and Finance officer: H. L. BOOT, F.H.A., F.C.C.S.,
c/o. Warrington General Hpl.

Chairman: J. INGLIS, J.P.,
Kelmscott, Mountwood Road, Prenton, Birkenhead.

Supplies Officer: H. LUTZ, A.H.A., A.C.C.S.,
Warrington General Hpl.

Borough General Hpl., Lovely Lane, Warrington, Lancs	Warrington 1666/7	H. Lutz, A.H.A., A.C.C.S. Miss A. L. Simpson	242	40	52	11	27	372	a, d, l, n, p, u
Warrington Inf. and Dispensary, Kendrick Street, Warrington, Lancs	Warrington 1881	H. Ince Miss M. G. Williams	120					120	a, l, n, u, v
Newton-le-Willows War Memorial Hpl., Bradleigh Road, Newton-le-Willows, Lancs	Newton-le-Willows 2115	J. S. Nolan, A.C.C.S. Miss M. K. O'Donnell	9				1	10	u
Warrington Isolation Hpl., Aiken Street, Warrington, Lancs	Warrington 28	Miss E. Roberts (Matron)			150			150	j, l, n
Warrington Smallpox Hpl., Sankey Street, Warrington, Lancs	Penketh 2	Miss E. Roberts (Matron)			50			50	
Municipal Maternity Hpl., Victoria Park, Latchford, Cheshire	Warrington 623	Miss A. M. Summersgill (Matron)		18			3	21	u

4. Warrington and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Thelwall Grange Convalescent Home, The Infirmary, Thelwall, Nr. Warrington, Lancs	Lymm 274	H. Ince Miss M. G. Williams	30									30		1, n	
Warrington Inf. (Private Wing), Beaumont Street, Warrington, Lancs	Warrington 447	H. Ince Miss M. G. Williams								22		22		1	
Newton-le-Willows Isolation Hpl., Bradleigh Road, Newton-le-Willows, Lancs	Newton-le- Willows 3152													Being converted to a general hpl.	
TOTAL BED COMPLEMENT			401	58	52	200	11			53		775		2	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Whitecross Homes, Warrington, Lancs.	Warrington 1363	Warrington Corporation	205

5. North Liverpool Hospital Management Committee

Secretary and Finance Officer : F. J. WATKINS,
[O.B.E., A.H.A.
Walton Hpl.

Supplies Officer : A. J. COOPER, F.H.A.,
Bootle General Hpl.

Chairman : J. BAGOT, J.P.,
5, Hazelhurst Road, Liverpool, 4.

Engineer : H. M. CATLIN,
Walton Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Walton Hpl., 107, Rice Lane, Liverpool, 9	Aintree 3611	F. J. Watkins, O.B.E., A.H.A., H. H. MacWilliam, M.B., B.CH., D.P.H. (Med. Supt.) Miss E. C. Thomas	952	223			136	57			30	1,398		a, d, l, n, o, r, u, v
Bootle General Hpl., Derby Road, Bootle, Liverpool, 20	Bootle 2791	A. J. Cooper, F.H.A. Miss A. Watts	109			2					7	118		a, l, n, r, t, u, v
Waterloo and District Hpl., Waterloo, Liverpool, 22	Waterloo 508	Miss E. G. K. Mowbray (Matron)	45								6	51		aa, n, u
City Hospital, North, Netherfield Road, Liverpool, 5	Anfield 3504/5	Miss R. Hird (Matron)				81 81						81 81		j, l, n
Bootle Maternity Home, 51, Balliol Road, Bootle, Liverpool	Bootle 4045	Miss E. Leyland (Matron)		13								13		
North T.B. Clinic, 332, Netherfield Road, Liverpool, 5	North 1061	W. D. Gray, M.B., CH.B. (Med. Supt.)												u
T.B. Dispensary, Ellesmere, Crosby Road South, Waterloo, Lancs.	Waterloo 688	C. Berry, L.R.C.P., L.R.C.S., D.P.H. (Med. Supt.)												u
Chest Clinic, Knowsley Road, Bootle, Liverpool, 20	Bootle 4040 Ext. 258	R. Hannah, M.C., M.B., CH.B., D.P.H. (Med. Supt.)												u
TOTAL BED COMPLEMENT			1,106	236		83 81	136	57			43	1,661 81		

5. North Liverpool Hospital Management Committee—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Kirkdale Homes, Westminster Road, Liverpool, 4	Booth 2571	Liverpool County Borough	389

6. Liverpool and District Eastern Hospital Management Committee

Secretary : H. BLYTHE, F.H.A.,
Broadgreen Hpl.

Chairman : Alderman W. G. GREGSON,
"Corfu," 28, North Park Road, Kirkby,
Nr. Liverpool.

Finance Officer and Supplies Officer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	O. her	Pri.	Total	P.P.	Notes	
Mill Road Inf., Mill Road, Liverpool, 6	Anfield 1810	H. Falcon, A.H.A. Dr. L. Findlay (Med. Supt.) Miss O. Tomlinson		132									132		n, o
City Hpl. East, Mill Lane, Liverpool, 13	Stoneycroft 4657	Miss L. Griffiths (Matron)				144							144		j, l, n
Broadgreen Hpl., Edge Lane Drive, Liverpool, 14	Stoneycroft 4761	G. Broomhall, F.H.A. Dr. L. Findlay (Med. Supt.) Miss J. Robertson	495	78			26						599		a, d, j, l, n, o, t, u, v
Robert Davies Nursing Home, Kiln Hey, Eaton Road, Liverpool, 12	Stoneycroft 2252	Miss M. Sutcliffe (Matron)									36		36		n
Belmont Road Hpl., Belmont Road, Liverpool, 6	Anfield 1860	Admin. Officer and Matron : (Vacant)	255		986 161		73	146					1,460 161		l, m, n
Central V.D. Clinic, Mill Road Inf., Mill Road, Liverpool, 6	Anfield 1810	H. Falcon, A.H.A. Dr. L. Findlay (Med. Supt.) Miss O. Tomlinson													
T.B. Dispensary, 14, Blue Bell Lane, Huyton, Lanes.	Huyton 383														
TOTAL BED COMPLEMENT			750	210	986 161	144	99	146			36		2,371 161		

7. South Liverpool Hospital Management Committee

Secretary and Supplies Officer: G. CHAPLIN, F.H.A.
Smithdown Road Hpl.
Tel.: Sefton Park 1466

Accountant: J. CUNNINGHAM, A.C.A., A.C.I.S., DIPL. B.A.,
Smithdown Road Hpl.
Tel.: Sefton Park 1466

Chairman: F. H. CAIN, J.P.,
15, Thirlstane Street, Liverpool, 7.

Engineer: R. H. TAYLOR, M.INST.F., A.M.I.E.E., A.M.A.S.A.
 Smithdown Road Hpl.
Tel.: Sefton Park 2490

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7. South Liverpool Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Liverpool Psychiatric Clinic, 1, Abercromby Square, Liverpool, 7	Royal 5772	Mrs. V. A. Rigg													u, v
			649	115	91		54	245		39		1,193	45		
			62				4	75		10		151			
		TOTAL BED COMPLEMENT													

8. Liverpool and District Fazakerley Group of Hospitals Management Committee

Secretary: E. A. COLLINS, F.H.A.,
Fazakerley Sanatorium.

Chairman: W. J. M. CLARKE, C.C.,
Fort William, 24, Childwall Mount Road, Liverpool, 16

Finance Officer, Supplies Officer and Engineer: (n.y.a.)

Fazakerley Sanatorium (1), Longmoor Lane, Liverpool, 19	Aintree 2324	E. A. Collins, F.H.A. O. F. Thomas, M.R.C.P., D.P.H. (Med. Supt.) Miss E. Bavington Jones					415 88					415 88		j, l, n, u
Fazakerley Hpl. (2), Longmoor Lane, Liverpool, 19	Aintree 2324	E. A. Collins, F.H.A. A. B. Christie, M.A., M.D., D.P.H. (Med. Supt.) Miss L. Holland				268						268		j, e, l, n
Fazakerley Annexe (2), Longmoor Lane, Liverpool, 19	Aintree 2324	E. A. Collins, F.H.A. A. B. Christie, M.A., M.D., D.P.H. (Med. Supt.) Miss L. Holland												j, e, l, n Figures included under Faza- kerley Hpl.
Sparrow Hall Annexe (1), Longmoor Lane, Liverpool, 19	Aintree 2324	E. A. Collins, F.H.A. O. F. Thomas, M.R.C.P., D.P.H. (Med. Supt.) Miss E. Bavington Jones												j, l, n, u Figures included under Faza- kerley Hpl.
New Ferry Smallpox Hpl. (3), Beaconsfield Road, New Ferry, Cheshire	Rock Ferry 59	E. A. Collins, F.H.A. E. R. Pierce, L.R.C.P., M.R.C.S., D.P.H. (Med. Officer) Miss L. Holland				268	415 88					683 88		Figures included under Fazakerley Hpl.
		TOTAL BED COMPLEMENT				268	415 88					683 88		

SUB-GROUPING

- (1) Fazakerley Sanatorium Sub-Group ...
 (2) Fazakerley Hpl. Sub-Group ...
 (3) Newferry Smallpox Hpl. Sub-Group ...
- Senior Administrative Officer:—E. A. Collins, Fazakerley Sanatorium

9. Liverpool Region Children's Hospital Management Committee

Secretary : P. W. ROWLEY, F.H.A.,
Alder Hey Children's Hpl.

Finance Officer and Supplies Officer : (n.y.a.)

Chairman : W. JOHNSON, M.C., M.D., F.R.C.P.,
26, Rodney Street, Liverpool, 1.

Engineer : W. A. THOMAS,
Alder Hey Children's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	
Alder Hey Hpl., Eaton Road, West Derby, Liverpool, 12	Stoneycroft 2304	P. W. Rowley, F.H.A., W. E. Crosbie, M.B., B.CH., D.P.H., (Med. Supt.)	542 360			95	16				10	663 360		h, l, n, u, v
		Miss K. I. Cawood											53	
Royal Liverpool Babies' Hpl., Acrefield Road, Woolton, Liverpool, 18	Gateacre 1583	P. W. Rowley, F.H.A., W. E. Crosbie, M.B., B.CH., D.P.H., (Med. Supt.)	45			8								
		Miss E. W. Littlejohn												
TOTAL COMPLEMENT			587 360			103	16				10	716 360		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Management Committee has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for H.M.C.
Olive Mount Children's Hpl., Wavertree, Liverpool, 15	Childwall 2261	Liverpool Corporation	200

10. North Wirral Hospital Management Committee

Secretary : R. HAWORTH, F.H.A., A.C.C.S.,
Liverpool Open Air Hpl. for Children.
Finance Officer : B. R. CARTER, F.H.A.,
Liverpool Open Air Hpl. for Children.

Chairman : F. McBIRNIE, C.C.,
Westcliffe House, Caldy, Wirral.
Supplies Officer : (Vacant)
Engineer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Victoria Central Hpl., Liscard Road, Wallasey, Cheshire	Wallasey 2600	Miss M. W. Henderson (Matron)	124		1		2				8	135		a, l, n, t
Wallasey Cottage Hpl., Claremount Road, Wallasey, Cheshire.	Wallasey 11	Miss P. Lee Miss S. Carter	22								17	39		n
Queen Victoria Memorial Cottage Hpl., Birkenhead Road, Hoylake, Cheshire	Hoylake 336	Miss A. Davis Miss E. Wase	35				1					36		n
Wallasey Infectious Diseases Hpl., (1), Mill Lane, Wallasey, Cheshire	Wallasey 48	Admin. Officer : (n.y.a.) R. B. Berry, M.D., D.P.H. (Med. Supt.) Miss M. Brobyn				40	38					78		j, n
Highfield Maternity Hpl., (1), Mill Lane, Wallasey, Cheshire	Wallasey 49	Admin. Officer : (n.y.a.) R. B. Berry, M.D., D.P.H. (Med. Supt.) Miss M. Brobyn		33								33		n
Liverpool Open Air Hpl. for Children Leasowe, Moreton, Wirral, Cheshire	Upton 195	R. Haworth, F.H.A., A.C.C.S. Dr. J. K. Cameron (Med. Supt.) Miss E. E. Williams	113				116					229		c, l, n
T.B. Dispensary (1), Mill Lane, Wallasey Cheshire	Wallasey 427	Admin. Officer : (n.y.a.) Dr. Grenville Mathers (T.B. Officer) Miss M. Brobyn												
TOTAL BED COMPLEMENT			294	33	1	40	157				25	550		

SUB-GROUPING
(1) Mill Lane Infectious Diseases Hpl. Sub-Group Senior Administrative Officer : (n.y.a.)

12. Central Wirral Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Heswall Maternity Home, Oldfield Way, Heswall, Wirral, Cheshire	Heswall 470	Miss M. Sephton, S.R.N., S.C.M. (Matron)		13								13		
Cleaver Sanatorium, Oldfield Road, Heswall, Wirral, Cheshire	Heswall 40	G. H. Yoxon, H. N. Bleasdale, M.B., CH.B. (Physician Supt.) Miss E. G. Wormald, D.N., S.R.N., S.C.M.					220					220		c, l
TOTAL BED COMPLEMENT			399	42	68	40	220			18	7	794		
						60						60		

13. Chester and District Hospital Management Committee

Secretary : P. R. J. ARNOLD, M.A., A.H.A.,
4, King's Buildings, Chester. Tel. : Chester 4500.
Finance Officer : E. HUMPHRIES,
4, King's Buildings, Chester.

Supplies Officer : L. CLABER, A.H.A.,
Chester City Hpl.
Engineer : E. N. MILLS, M.J.INST.E., M.INST.H.E.,
Chester City Hpl. [M.ASS.W.A.

Chairman : Col. C. W. MARSDEN, M.C.,
The Red House, Oldfield Road, Heswall, Cheshire.

Chester Royal Inf., St. Martins Fields, Chester	Chester 2842	C. W. Bowley, A.H.A., A.I.C.A. Miss N. Steele, S.R.N., S.C.M.	205									205		a, l, n, r, u, v
Chester City Hpl., Hoolle Lane, Chester	Chester 2181	E. Bennion, F.H.A. J. W. Lobban, M.A., M.D., D.P.H. (Med. Supt.) Miss M. J. Moss, S.R.N., S.C.M.	130	56	54	10						250		a, l, n, o, t
Ellesmere Port and District Hpl., 114, Chester Road, Whitby, Cheshire	Ellesmere Port 90	C. P. Lett Miss E. Taylor, S.R.N., S.C.M.	50									50		m, n
Victoria Memorial Hpl. (1), Holloway, Runcorn, Cheshire	Runcorn 2046	C. A. Woad Miss D. Stretch S.R.N. S.C.M.	25		1							26		n
Dutton Isolation Hpl. (1), Dutton, Via Warrington, Lancs.	Aston Runcorn 201	C. A. Woad C. E. W. Bower, M.B., CH.B. (Med. Supt.) Miss C. E. Rees, S.R.N., S.C.M.				12 31						12 31		n

13. Chester and District Hospital Management Committee—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Dutton Hpl. (1), Preston Brook, Runcorn, Chester	Aston Runcorn 203	C. A. Woad Mrs. E. Woad, S.R.N., S.C.M.			56 28							56 28		"
	Chester 539	N. G. Guy Mrs. S. D. Guy, S.R.N., C.M.B.			101							101		"
Tarvin Hpl., Boughton Heath, Nr. Chester	Chester 2305	D. W. C. Tough, M.B., B.CH., D.P.H. (Med. Supt.)												
T.B. Dispensary, 24, Nicholas Street, Chester														
TOTAL BED COMPLEMENT			410	56	212 28	22 31						700 59		

SUB-GROUPING

(1) Runcorn Group Senior Administrative Officer : C. A. Woad, Dutton Hpl.

14. Liverpool and Crossley Sanatoria Management Committee

Secretary and Finance Officer : W. E. DAVIES,
55, Fluin Lane, Frodsham, via Warrington, Lancs.
Tel. : Frodsham 2126.

Chairman : Alderman E. OTHO GLOVER,
The Bent, Frodsham, via Warrington.

Frodsham Sanatorium, Frodsham, Via Warrington, Lancs.	Manley 250	W. E. Davies G. S. Erwin, M.D., CH.B. (Med. Supt.) Miss G. M. Brain, S.R.N., C.M.B.	135 40									135 40		"
Crossley Sanatorium, Kingswood, Frodsham, via Warrington, Lancs.	Manley 240	W. E. Davies J. Houston, M.B., CH.B., D.P.H. (Med. Supt.) Miss F. M. Lawrie, S.R.N.					109				*	109	5	*Final numbers under consideration
TOTAL BED COMPLEMENT							244 40					244 40	5	

15. Barrowmore Sanatorium Hospital Management Committee

Secretary, Finance Officer and Supplies Officer : H. L. LLOYDBOTTOM, Barrowmore Sanatorium.	Hospital	Telephone	Senior Officers	Bed Complement											Notes
				Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	
Barrowmore Sanatorium, Barrowmore Hall, Gt. Barrow, Nr. Chester	H. L. Lloydbottom J. W. Seymour, M.B., B.CH. (Med. Supt.) Miss P. H. Farrell, S.C.M., S.R.N.					97						97		n	
	TOTAL BED COMPLEMENT					97						97			

Chairman : P. M. OLIVER, C.B.E., B.A.,
Oakfield, Langham Road, Bowdon, Cheshire.

Engineer : (n.y.a.)

16. Upton Mental Hospital Management Committee

<i>Secretary and Finance Officer :</i> F. R. MILLET, F.H.A., A.I.A.C., Upton Mental Hpl.	<i>Supplies Officer :</i> (n.y.a.)	Upton Mental Hpl., Chester	The Manor, Great Sutton, Wirral. Cheshire	Chester 1565/6	Hooton 3222	F. R. Millet, F.H.A., A.I.A.C. C. L. Copeland, M.B., CH.B., D.P.M. (Med. Supt.) Miss E. Boswell	F. R. Millet, F.H.A., A.I.A.C. Miss E. Hartley	TOTAL BED COMPLEMENT	Bed Complement										<i>f, n, u, v; w</i>	
									Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
				TOTAL BED COMPLEMENT																

Chairman : Alderman W. N. Copland,
Red Bank, Sparks Lane, Thingwall, Barnston, Wirral.

Engineer : G. O. LONEY,
Upton Mental Hpl.

17. Rainhill Mental Hospital Management Committee

Secretary, Finance Officer and Supplies Officer :
P. F. ROUTLEY, A.H.A.,
Rainhill Hpl.

Chairman : Alderman W. BURROWS, J.P.,
6, Leslie Road, St. Helens, Lancs.

Engineer : J. T. BURCH, M.I.E.C.G., I.E.E., M.I.H.F.,
Rainhill Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Rainhill Hpl., Rainhill, Nr. Liverpool, Lancs.	Rainhill 33	P. F. Routley, A.H.A. G. Williamson, M.B., CH.B., D.P.M. (Med. Supt.) Miss M. G. Mackenzie, S.R.N., R.M.P.A.						2,940 110				2,940 110		f, l, n, u, v, w
		TOTAL BED COMPLEMENT						2,940 110				2,940 110		

18. Winwick and Newchurch Hospital Management Committee

Secretary and Finance Officer : C. R. HOYLE, A.H.A.,
Winwick Hpl.

Supplies Officer : E. Cox,
Winwick Hpl.

Chairman : Alderman A. GRIFFIN, J.P.,
70, Sheil Road, Fairfield, Liverpool, 6.

Engineer : J. A. COPELAND
Winwick Hpl.

Winwick Hpl., Nr. Warrington, Lancs.	Warrington 177	C. R. Hoyle, F.H.A. J. E. Nicole, L.M.S.S.A., O.B.E., D.P.M. (Med. Supt.) Miss F. Ellis						2,210 78				2,210 78		f, l, n, v, w
Newchurch Homes, Culcheth, Nr. Warrington, Lancs.	Culcheth 3127	C. R. Hoyle, F.H.A. N. F. Mackenzie, M.B., CH.B. (Med. Supt.) Miss A. Parker							244 20			244 20		m, n, x
		TOTAL BED COMPLEMENT						2,210 78	244 20			2,454 98		

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For notes on directory and key to symbols see over, (page 489).

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NOTES ON DIRECTORY

Officers of Board of Governors

The addresses of these officers are given in full except where they are at a hospital included in the group, in which case reference should be made to the list of hospitals for address and telephone details. If the telephone number for the officers is not that of the hospital it is given individually for each officer. Where the address is not at a hospital, the telephone number is only given for the Secretary unless the other officers have individual numbers.

Senior Officers at Individual Hospitals

The senior officers at individual hospitals whose names are given and the order in which they are always listed are as follows :—

1. Senior non-medical administrative officer, whose name (except when the post is an honorary one) is never followed by any indication of title.
2. Medical Superintendent, whose name is always followed by the abbreviation (Med. Supt.) or a variant such as (Med. officer-in-charge).
3. Matron, whose name is only followed by an indication of title, *i.e.* (Matron), when no other officers are given for the hospital concerned.

Where additionally the name of the chief male nurse is given it is always followed by the full title in brackets.

Bed Complement

Bed complement figures are given under the following heads :—

Acute	Other
Mat. = Maternity.	Psych. = Psychiatric
Chr. = Chronic.	P.P. = Part-Payment.
I.D. = Infectious Diseases.	Pri. = Private Patient.
T.B. = Tuberculosis.	

The category “Acute” covers all general and special acute beds other than those for private patients or for maternity, I.D., T.B., or mental treatment.

The category “Other” covers beds which do not fall under any of the other categories. It includes in particular convalescent beds, beds whose final use has not yet been determined and beds provided for local authorities as accommodation for the purposes of the National Assistance and the Children Acts. Wherever known the nature of the beds included under “Other” is indicated in the “Notes” column.

All private patient beds, whether or not reserved for any special types of case are included under the one heading “Private Patient” *i.e.* no private patient beds are included under any of the other categories.

Part-Payment beds are, on the other hand, included in the first instance under other categories, *i.e.* Acute, Maternity etc., and in the total number of beds given in the last but one column of figures.

Unless otherwise stated all bed complement figures are those applying at 30th November, 1948. The figures given in ordinary type are the number of beds which were actually available for use at that date. Where, in addition to these beds, the hospital has further beds which, because of shortage of staff or other causes (other than purely temporary causes such as re-decoration), were not available for use at 30th November, 1948, the figures given in italics represent the number of these additional beds.

Key to Letter Symbols

Training School for Nurses

a	approved by General Nursing Council for England and Wales for complete training
aa	as wards of a complete training school.
b	for associated training.
c	for affiliated training.
d	for complete training of male nurses.
e	for affiliated training of male nurses.
f	for training of mental nurses.
g	for training of nurses for mental defectives.
h	for complete training in sick children's nursing.
i	for affiliated training in sick children's nursing.
j	for complete training in fever nursing.
k	for affiliated training in fever nursing.
l	Possesses Preliminary Training School for Nurses.
m	Nursing—Three-shift system in operation.
n	Part-Time nursing scheme in operation.
o	Training School for Midwives approved by Central Midwives Board for first period of training.
p	for second period of training.
q	Training School recognised by Chartered Society of Physiotherapy.
r	for Housekeepers.
s	recognised by Society of Radiographers.
t	Employs certificated almoner.*
u	Appointments system for out-patients in operation.
v	Psychiatric out-patient clinic in operation.
w	Hospital designated as Mental Hospital.
x	Institution directed to be used for mental defectives.
y	Former public assistance or public health institution designated as mental hospital accommodation.
z	Premises designated for the purposes of Section 20 of the Lunacy Act, 1890, as amended by the National Health Service Act, 1946.

* Although almoner services are generally made available to other hospitals in the group the key letter is only entered against the hospital at which the almoner is based.

Abbreviations, etc.

(n.y.a.) = not yet appointed.

Hpl. = Hospital.	T.B. = Tuberculosis.
Inf. = Infirmary.	V.D. = Venereal Diseases.

Part III accommodation = Beds made available by boards of governors to local authorities as accommodation for the purposes of Part III of the National Assistance Act, 1947.

Children Act accommodation = Beds made available by boards of governors to the local authorities as accommodation for the purposes of the Children Act, 1948.

2. The United Leeds Hospitals

Secretary: S. CLAYTON FRYERS, C.B.E., F.H.A.
General Inf. at Leeds

Deputy Secretary: P.W. FULLER, F.H.A.,
General Inf. at Leeds

Chairman: Sir GEORGE W. MARTIN, K.B.E., J.P.,
Adel Lodge, Adel, Leeds, 6

Supplies Officer: L. S. RICHARDSON, A.I.A.C.,
General Inf. at Leeds

Finance Officer: L. M. PEARSON, A.H.A., A.L.A.A., A.C.I.S.,
General Inf. at Leeds

Engineer: H. L. EGLIN, A.H.A., M.INST.F.,
General Inf. at Leeds

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
General Inf. at Leeds, Great George Street, Leeds, 1	Leeds 20455	S. Clayton Fryers, C.B.E., F.H.A. Miss H. M. Burbury, D.N.	638							90	728		a, d, l, q, r, s, t, u, v
	Leeds 73434	S. Clayton Fryers, C.B.E., F.H.A. Miss D. E. Simpson (Sister-in-charge)	96								96		
Roundhay Hall Annexe Hpl., Jackson Avenue, Roundhay, Leeds, 8	Leeds 61832	S. Clayton Fryers, C.B.E., F.H.A. Miss M. Fox (Sister-in-charge)	47								47		
Maternity Hpl., Hyde Terrace, Leeds, 2	Leeds 29681	T. W. Pemberton, F.H.A., F.C.C.S. Miss M. M. Buchanan		112							112		o, r, t, u
Hpl. for Women, Coventry Place, Leeds, 2	Leeds 30281	T. W. Pemberton, F.H.A., F.C.C.S. Miss H. Stuart-Sheard	89							12	101		l, n, t, u
Leeds Dental Hpl., Blundell Street, Leeds, 2	Leeds 32006	A. Batt, A.H.A. T. Talmage Read, F.R.F.P.S., F.D.S.R.C.S., L.R.C.P. (Med. Supt.)											u
		TOTAL BED COMPLEMENT	870	112						102	1084		

3. The United Sheffield Hospitals

Chief Administrative Officer and Acting Finance Officer:
JOSEPH GRIFFITH, F.H.A.,
Royal Hpl. Tel.: Sheffield 20228

Chairman: A. BALLARD,
93, Ringstead Crescent, Sheffield, 10

Assistant Secretary: RICHARD ELLIS,
Royal Hpl. Tel: Sheffield 20228

Royal Hpl., West Street, Sheffield, 1	}	Sheffield 23201	A. P. Prentice, M.B.E., F.H.A. Miss G. Sampson	331	$a, d, l, n, q, r, s, t, u, v$
Fulwood Annexe and Zachary Merton Convalescent Home				64 5	
Royal Inf., Infirmary Road, Sheffield, 6		Sheffield 20161	F. Hart, D.P.A., F.H.A. Miss D. de M. Warren, D.N. (Lond.)	462	a, d, l, n, r, t, u, v

3. The United Sheffield Hospitals—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
Edgar Allen Physical Treatment Centre, Gell Street, Sheffield, 3	Sheffield 25516	A. H. Haynes, T.D., F.H.A.	59	81						24	164		a, l, n, o, t, u
Jessop Hpl. for Women, Leavygreave Road, Sheffield, 3	Sheffield 21321	David Oswald, F.H.A. Miss M. J. W. Taylor	29	18							47		u
Firth Auxiliary Hpl., Norton, Sheffield	Sheffield 45152	David Csw. Id F.H.A. Miss M. J. W. Taylor	186							2	188	2	h, l, n
Children's Hpl., Western Bank, Sheffield, 10	Sheffield 62415	T. H. G. Gartland, F.H.A. Miss A. M. Parker	20								20		
Children's Hpl. Annexe, Tipton Crescent Road, Sheffield, 10	Sheffield 62415	T. H. G. Gartland, F.H.A. Miss A. M. Parker	52								52		
Rehabilitation Centre, Whiteley Woods, Sheffield, 11	Sheffield 31006	A. H. Haynes, T.D., F.H.A. Miss E. Barraclough		99				50		26	1378	2	
TOTAL BED COMPLEMENT			1203										

4. The United Cambridge Hospitals

Chairman: T. KNOX-SHAW, M.C., M.A.,
Sidney Sussex College, Cambridge

Secretary: J. A. BEARDSALL, O.B.E., F.H.A.
Addenbrooke's Hpl.

Finance Officer: P. A. HOLLINGS, A.S.A.A.,
Addenbrooke's Hpl.

Addenbrooke's Hpl., Trumpington Street, Cambridge	Cambridge 4451	A. Barham, A.H.A. Miss L. J. Ottley, D.N.	320					8		30	358		a, l, n, t, u, v
Home of Recovery, Clarence Road, Hunstanton, Norfolk	Hunstanton 39	Miss B. Valentine, S.R.N., S.C.M. R.S.C.N. (Matron)							3, *		34		*Convalescent
Maternity Hpl., Mill Road, Cambridge	Cambridge 55446	D. W. Ditchburn Mrs. D. I. Ditchburn, S.R.N., S.C.M.		83	23						106		n, o

Engineer: (n.y.a.)

4. The United Cambridge Hospitals—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes	
Brookfields Hpl., Mill Road, Cambridge	Cambridge 87132	Miss D. K. Bell, S.R.N., R.F.N., S.C.M. (Matron)				25 60					25 60			
Chesterton Hpl., Union Lane, Cambridge	Cambridge 2562	F. A. Mace, S.R.N., R.M.N., A.H.A. Mrs. M. Mace, S.R.N., S.C.M.			244			10	66†		320			n, z †Part III accommodation
TOTAL BED COMPLEMENT			320	83	267	25 60		18	100	30	843 60			

5. The United Oxford Hospitals

Administrator: A. G. E. SANCTUARY, M.A.CANTAB., F.H.A.,
Radcliffe Inf.

Deputy Administrator: E. J. R. BURROUGH, B.A.OXON., A.H.A.,
Radcliffe Inf.

Finance Officer: A. GILL, A.H.A., F.I.A.C.,
Radcliffe Inf.

Supplies Officer: E. HOLT,
Radcliffe Inf.

Radcliffe Inf., Oxford	Oxford 48481	A. G. E. Sanctuary, M.A., F.H.A. Miss E. G. Preddy, D.N.	419	69							488		a, l, o, t, u, v
Sunnyside Recovery Home, Old Headington, Oxford	Oxford 6781	A. G. E. Sanctuary, M.A., F.H.A. Miss E. G. Preddy, D.N.							36*		36		*Convalescent
Osler Pavilion, Headington, Oxford	Oxford 6823	A. G. E. Sanctuary, M.A., F.H.A. Miss E. G. Preddy, D.N.					62				62		u
Churchill Hpl., Headington, Oxford	Oxford 48651	A. G. E. Sanctuary, M.A., F.H.A. Miss E. G. Preddy, D.N.	154	40							194		p, t, u
Oxford Eye Hpl., Walton Street, Oxford	Oxford 2253	A. G. E. Sanctuary, M.A., F.H.A. Miss E. H. Davy	44								44		t
Cowley Road Hpl., Cowley Road, Oxford	Oxford 4182	A. G. E. Sanctuary, M.A., F.H.A. Miss E. G. Selby			250						250		t
City Isolation Hpl., The Slade, Headington, Oxford	Oxford 7175	A. G. E. Sanctuary, M.A., F.H.A. Miss L. Stanley				80					80		n
Old Isolation Hpl., Cold Arbour, Oxford	Oxford 3062	A. G. E. Sanctuary, M.A., F.H.A.				31					31		n
Garsington Smallpox Hpl., Garsington, Oxon		A. G. E. Sanctuary, M.A., F.H.A.											Only opened in emergency
TOTAL BED COMPLEMENT			617	109	250	111	62		36		1185		

6. The United Bristol Hospitals

Secretary: S. C. MERIVALE, A.H.A.,
Royal Inf.

Finance Officer: S. C. YEO, A.H.A., A.C.A.,
Royal Inf.

Chairman: C. C. CLARKE,
Gatcombe Court, Flax Bourton, Somerset

Deputy Secretary: A. B. SCOTT, M.B.E., M.A.,
Royal Inf.

Supplies Officer: J. E. WILLIAMS, M.P.S., A.H.A.,
Royal Inf.

Superintendent of Works and Buildings:
H. S. STANSFIELD, M.I.H.E., M.I.E.C., A.INST.B.E.,
Royal Inf.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
Royal Inf., Marlborough Street, Bristol, Glos.	Bristol 23064	A. B. Scott, M.B.E., M.A. Miss M. H. Cordiner	427 54								427 54		a, l, n, q, t, u, v
General Hpl., Guinea Street, Bristol, Glos.	Bristol 25001	A. B. Scott, M.B.E., M.A. Miss M. H. Cordiner	281 48								281 48	5	l, n, s, t, u, v
Cerne Abbas Convalescent Home, 46, The Avenue, Branksome Park, Bournemouth, Hants.	Westbourne 61822	A. B. Scott, M.B.E., M.A. Miss M. H. Cordiner							60*		60		*Convalescent
Maternity Hpl., 50, Southwell Street, Kingsdown, Bristol, Glos.	Bristol 23341	K. M. Stephens, M.A. Miss N. B. Deane, M.B.E.		50							50		p
Royal Hpl. for Sick Children and Women, St. Michael's Hill, Bristol, Glos.	Bristol 20138	K. M. Stephens, M.A. Miss G. R. Ellis, M.B.E.	106								106	5	h, l, n, t, u, v
Jan Smuts Convalescent Home, Berrow Road, Burnham-on-Sea, Somerset	Burnham-on- Sea 496	K. M. Stephens, M.A. Miss G. R. Ellis, M.B.E. (Matron)	22								22		
Eye Hpl., Lower Maudlin Street, Bristol, Glos.	Bristol 25535	D. M. Baber Miss U. Farfor	95								95	10	e, l, n, t, u
Queen Victoria Jubilee Convalescent Home, Durdham Down, Bristol, 6	Bristol 38303	K. M. Stephens, M.A.											Closed
TOTAL BED COMPLEMENT			931 102	50					60		1041 102	20	

7. The United Cardiff Hospitals

Secretary and Principal Administrative Officer: J. A. TUNSTALL, M.B.E., J.P., A.H.A.,
Cardiff Royal Inf.

Finance Officer: W. E. ALLEN,
Cardiff Royal Inf.
Tel.: Ext. 72

Chairman: G. D. SHEPHERD, M.B.E., J.P.,
"Oakhurst", Tygwyn Road, Cardiff

Deputy Secretary: NORMAN POPPLEWELL, A.H.A., A.C.I.S.,
Cardiff Royal Inf.
Tel.: Ext. 20

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
Cardiff Royal Inf., Cardiff, Glam.	Cardiff 25301	J. A. Tunstall, M.B.E., J.P., A.H.A. Miss S. C. Bovill	359 13	23							382 13		a, l, n, q, s, t, u, v
		J. A. Tunstall, M.B.E., J.P., A.H.A. Miss S. C. Bovill						52*			52		*Convalescent
William Nicholls Convalescent Home, St. Mellon's, Mon.	St. Mellon's 66	Dr. D. G. Morgan (Med. Supt.) Miss E. Upton	315								315		a, d, l, n
		C. W. Anderson (Med. Supt.) Miss M. E. Parker (Matron)	25								25		n
Llandough Hpl., Penarth, Glam.	Penarth 602												
Lord Pontypridd Hpl. (Dulwich House), Pencisely Road, Cardiff	Cardiff 2442												
								52			774 13		
		TOTAL BED COMPLEMENT	699 13	23									

8. The United Birmingham Hospitals

Secretary: G. HURFORD, M.B.E., F.H.A.,
Queen Elizabeth Hpl.

Finance Officer: D. R. FELTON, A.L.A.A.,
Queen Elizabeth Hpl.

Chairman: S. F. BURMAN, M.B.E.,
32, Calthorpe Road, Edgbaston, Birmingham 15

Engineer and Clerk of Works: C. E. FORRYAN, A.M.I.MECH. F.
Queen Elizabeth Hpl.

General Hpl., Steelhouse Lane, Birmingham, 4	Central 8611	P. Crocker, F.H.A. Miss K. E. Mapes	371						<i>a, l, s, t, u</i>
Queen Elizabeth Hpl., Birmingham, 15	Selly Oak 1311	G. Hurford, M.B.E., F.H.A. Miss C. A. Smaldon	476	21					<i>a, d, l, q, r, t</i>
King Edward VII Memorial Children's Hpl., Ladywood Road, Birmingham, 16	Edgbaston 2957	N. R. Winwood, M.A., A.H.A. Miss M. Woods, S.R.N., R.S.C.N., S.C.M.	219 36		17				<i>h, l, t</i>
St. Cuthbert's Hpl., Worcester Road, Malvern Link, Worcs.	Malvern 1459		40						

8. The United Birmingham Hospitals—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
Midland Nerve Hpl., St. James' Road, Edgbaston, Birmingham, 15	Calthorpe 0972	W. H. Buckley, A.H.A., (acting) Miss C. A. Smaldon	38					3			41	5	n, u, v
Dental Hpl., Great Charles Street, Birmingham	Central 5388	S. P. Thomas, A.H.A., F.C.A.											
Hpl. For Women, Showell Green Lane, Sparkhill, Birmingham, 11	Victoria 1101	B. Sylvester, F.H.A. Miss M. Ellis	114							26	140		c, l, n, u
Maternity Hpl., Loveday Street, Birmingham, 4	Aston Cross 2308	B. Sylvester, F.H.A. Miss M. A. Gannon, R.R.C.		79						6	85		n, o, t, u
Gertrude Myers Home Cleeve Prior, Nr. Evesham, Worcs.	Bidford-on-Avon 18									16*	18		*Convalescent
TOTAL BED COMPLEMENT			1258	100		17		3	16	172	1566	5	

9. The United Manchester Hospitals

<i>Secretary:</i> F. J. CABLE, F.H.A., Royal Inf.			<i>Chairman:</i> C. M. SKINNER, Bollington Grange, Alderley, Chelford, Cheshire										
<i>Finance Officer:</i> J. R. JONES, Royal Inf.			<i>Deputy Secretary, Supplies Officer and Engineer:</i> (n.y.a.)										
Royal Inf., Oxford Road, Manchester, 13	Ardwick 3300	F. J. Cable, F.H.A. Miss L. G. Duff Grant, R.R.C., D.N.	632 15								632 15		a, l, n, q, t, u, v
Private Patients' Home, Manchester Royal Inf., Lorne Street, Manchester, 13	Ardwick 3377	V. Tidswell, A.H.A.								92 10	92 10		n
Central Branch, Roby Street, Manchester	Gatley 2155										80		Closed
Barnes Hpl., Cheadle, Cheshire (Annexe of Royal Inf.)	Rusholme 3233	A. R. Wise, F.H.A. Miss M. A. Robertson, S.R.N., R.S.C.N., S.C.N.	50	93							143		c, l, n, o, t, u

9. The United Manchester Hospitals *Cont.*

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
St. Mary's Hpl., Whitworth Street West, Manchester, 1	Central 7352	A. R. Wise, F.H.A.	65								65		l, n, t, u
		Miss M. A. Robertson, S.R.N., R.S.C.N., S.C.N.											
Royal Eye Hpl., Oxford Road, Manchester, 13	Ardwick 1115	H. R. North, F.H.A. Miss C. C. Wheatcroft, S.R.N.	142						20	162			c, l, n, t, u
Dental Hpl., Bridge Street, Manchester, 15	Ardwick 1131	Miss J. Irwin, M.A., F.H.A.											u
Foot Hpl., Oxford Place, Victoria Place, Manchester, 14	Rusholme 4305	Miss G. D. Nisbet, M.I.S.C.											u
TOTAL BED COMPLEMENT			969	93							1174		
			15								25		

10. The United Liverpool Hospitals

Chairman: Sir RICHARD H. ARMSTRONG, LL.D.,
19, Ullet Road, Liverpool, 17

Finance Officer: W. J. LAMB, A.S.A.A.,
80, Rodney Street, Liverpool, 1

Secretary: A. V. J. HINDS, M.A.,
80, Rodney Street, Liverpool, 1
Tel.: Royal 7111

Liverpool Royal Inf., Pembroke Place, Liverpool, 3	Royal 5511	Frank Dean, F.H.A., F.C.I.S., A.L.A.A. Miss T. Turner, A.R.R.C.	332	22						33	387		<i>a, l, o, s, t, u, v</i>
David Lewis Northern Hpl., Great Howard Street, Liverpool, 3	Central 6491	J. Thomson, F.I.A.A. Miss M. E. Wortley	195							19	214		<i>a, d, l, n, t, u</i>
Royal Southern Hpl., Fazakerley, Liverpool, 9 (<i>temporary</i>) Caryl Street, (<i>Out-patients</i>), Liverpool, 8	Aintree 2203 Royal 2131	Frank Solman, M.S.M., F.H.A. (Supt.) Miss E. Viggor (Matron)	216					+		24	244		<i>a, l, n, g, s (women students only) t, u, v</i>
Liverpool Stanley Hpl., Stanley Road, Liverpool, 5	Bootle 2161	J. Glynn Roberts Miss E. B. Thorpe	127							3	130		<i>a, l, n, t, u, v</i>
The Women's Hpl., Catharine Street, Liverpool, 18	Royal 5461	Miss M. J. Harley Miss M. A. Proudfoot	105							17	122		<i>c, l, t, u</i>
Liverpool Maternity Hpl., Oxford Street, Liverpool, 7	Royal 5533	A. W. Dexter, F.H.A. Miss E. Carter		113						12	125		<i>n, o, p, t, u, v</i>
Royal Liverpool Children's Hpl., Myrtle Street, Liverpool, 7	Royal 6286	H. J. Clout Miss K. Sabin, A.R.R.C.	136								136		<i>h, l, n, t, v</i>

10. The United Liverpool Hospitals—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
Royal Liverpool Children's Hpl., Thingwall Hall, Barnston, Birkenhead, Cheshire	Upton 26	H. J. Clout Miss K. Sabin, A.R.R.C.							26*		26		<i>l, n. *Convalescent</i>
Royal Liverpool Children's Hpl., Telegraph Road, Heswall, Cheshire	Heswall 501	H. J. Clout Miss K. Sabin, A.R.R.C.	229								229		<i>h, l, n, t</i>
Liverpool Eye, Ear & Throat Inf., Myrtle Street, Liverpool, 7	Royal 1196	Captain George Nickson, V.D., J.P., F.H.A., F.I.A.C. Miss E. Wallace							26*		26		<i>n</i>
St. Paul's Eye Hpl., Old Hall Street, Liverpool, 3	Central 1671	E. K. C. Bisson, A.H.A., F.C.I.S. Miss H. L. Capper (Matron)	86							8	94		
Liverpool Dental Hpl., Pembroke Place, Liverpool, 3	Royal 5821	H. R. Mason, F.H.A., F.C.I.S.	87							13	100		<i>u</i>
Liverpool Convalescent Home, Hillfoot Road, Woolton, Nr. Liverpool	Gateacre 2045	Miss E. Brideut (Matron)											<i>Closed</i>
TOTAL BED COMPLEMENT			1513	135				4	52	129	1833		

TEACHING HOSPITALS—LONDON

1. The Royal Hospital of St. Bartholomew

Clerk to the Governors : C. C. CARUS-WILSON, M.C.,
St. Bartholomew's Hpl.

Chief Accountant : J. W. D. ROWLANDSON, A.C.A.,
St. Bartholomew's Hpl.

Chairman : Sir GEORGE AYLVEN, Kt.,
The Mansion House, London, E.C.2

Assistant Clerks to the Governors : J. W. GOODDY, Capt.
MASON H. SCOTT, R.N. (Retd.),
St. Bartholomew's Hpl.

Clerk of Works : A. R. NYE,
St. Bartholomew's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mai.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
The Royal Hpl. of St. Bartholomew, West Smithfield, London, E.C.1	Monarch 7777	C. C. Carus-Wilson, M.C. Miss Helen Dey, C.B.E.	437	25							462		a, l, t, u, v
		S. E. Sheppard Dr. W. J. T. Kimber (Med. Supt.) Miss Helen Dey, C.B.E.	311								311		l, t
Hill End Hpl., St. Albans, Herts.	St. Albans 5555	Miss K. Hyde B. Lee, F.R.C.S. (Med. Supt.) Miss D. R. Pengilly	72								72		
Alexandra Hpl. for Children, Stockwood Park, Luton, Beds.	Luton 355		820	25							845		
		TOTAL BED COMPLEMENT											

House Governor : Capt. H. BRIERLEY, O.B.E., M.C.,
The London Hpl.

Finance Officer : DAVID SHERREN, A.C.A.,
The London Hpl.

2. The London Hospital

Chairman : Sir JOHN MANN, Bart.,
Theveton Hall,
Diss, Norfolk

Joint Secretaries : Lt. Col. C. F. CAHUSAC, D.S.O.; The
Hon. J. L. C. SCARLETT,
The London Hpl.

Surgeon : N. H. OATLEY, L.R.I.B.A., F.H.A.,
The London Hpl.

The London Hpl., Whitechapel Road, London, E.1	Bishopsgate 8333	Capt. H. Brierley, O.B.E., M.C. Miss C. H. Alexander	600	+2				6			648	14	a, l, o, q, s, t, u, v
Croft Home, Church Road, Reigate, Surrey	Reigate 2067	Capt. H. Brierley, O.B.E., M.C.							18*		18		l, t. *Convalescent
Marie Celeste Annexe, Fairfield, Beeches Avenue, Reigate, Surrey	Reigate 2613	Capt. H. Brierley, O.B.F., M.C.							22*		22		l, t
Zachary Merton Annexe, Banstead, Surrey	Burgh Heath 822	Capt. H. Brierley, O.B.E., M.C.							50*		50		l, t
London Hpl. Annexe, Ongar Road, Brentwood, Essex	Brentwood 2146/7	Capt. H. Brierley, O.B.E., M.C.	156				52				208		l, t

2. The London Hospital—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
Herman de Stern Convalescent Home, Felixstowe, Suffolk		Capt. H. Brierley, O.B.E., M.C.							37*		37		*Convalescent; closed pending refitting
Queen Mary's Maternity Home, 124, Heath Street, Hampstead, London, N.W.3	Hampstead 6333	Capt. H. Brierley, O.B.E., M.C. Miss L. E. Beulah	42								42		o, t, u
TOTAL BED COMPLEMENT			756	84			52	6	90 37		988 37	14	

3. The Royal Free Hospital

Secretary : R. G. HEPPELL, A.H.A., A.C.A., The Royal Free Hpl.			Chairman : Sir HUBERT WINTHROP YOUNG, K.C.M.G., D.S.O., South Wraxall Lodge, Bradford-on-Avon, Wilts.											
Finance Officer : H. COHEN, A.S.A.A., The Royal Free Hpl.			Engineer : E. WILKINSON, I.H.E., The Royal Free Hpl.											
The Royal Free Hpl., Grays Inn Road, London, W.C.1	Terminus 4331	R. G. Heppell, A.H.A., A.C.A. Miss J. Addison	179	40							219		a, l, m, n, t, u, v	
The Royal Free Hpl., Liverpool Road Branch, Islington, London, N. 1	Canonbury 3043	R. G. Heppell, A.H.A., A.C.A. Miss J. Addison	20	43 30						23	86 30		l, m, n, t	
Elizabeth Garrett Anderson Hpl., 144, Euston Road, London, N.W.1	Euston 2501	Miss E. M. Sugden Miss D. M. Merrikin	73	29						12	114		b (Albert Dock Hpl., Poplar Hpl., Battersea Gen. Hpl., Mansfield & Dist. Hpl.) l, m, n, t, u, v	
Rosa Morrison House, Gloucester Road East, New Barnet	Barnet 0712	Miss E. M. Sugden Miss D. M. Merrikin							26		26		l, m, n	
Garrett Anderson Hpl. Maternity Home, Belsize Grove, Hampstead, N.W.3	Primrose 2246	Miss E. M. Sugden Miss D. M. Merrikin		18						8	26		l, m, n	
The Hampstead General and North West London Hpl., Haverstock Hill, London, N.W.3	Primrose 1151/3	K. A. F. Miles, F.H.A. Miss M. R. Wickham	105	8						26	139		a, l, m, n, u, v	
Children's Hpl., 40, College Crescent, Swiss Cottage, London, N.W.3	Primrose 4433	R. G. HEPPELL, A.H.A., A.C.A. Miss J. Addison											Closed	
The Royal Free Hpl., North Western Branch, Lawn Road, Hampstead, N.W.3	Primrose 2212/3	R. G. HEPPELL, A.H.A., A.C.A. Miss D. M. Reeves	150 25			100					250 25		j, l, m, n, t	
TOTAL BED COMPLEMENT			527 25	138 30		100			26	69	860 55			

4. University College Hospital

Administrator and Secretary : T. F. W. MACKEOWN, M.A.,
F.H.A., A.C.A.,
University College Hpl.

Chairman : Sir HAROLD A. WERNHER, G.C.V.O., T.D.,
15, Grosvenor Square, London, W.1

Finance Officer : T. G. B. EDWARDS, A.C.A.,
University College Hpl.

Engineer : L. B. HALEY, M.ENG., A.M.I.C.E.,
University College Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
University College Hpl., Gower Street, London, W.C.1	Euston 5050	T. F. W. Mackeown, M.A., F.H.A., A.C.A.	401				20			113	534	16	a, l, m, t, u, v
		Mrs. E. O. Jackson, R.R.C.											
Obstetric Hpl., Huntley Street, London, W.C.1	Euston 5050	Integral part of University College Hpl.	30	63							93	2	
Royal Ear Hpl., Huntley Street, London, W.C.1	Euston 5050		53								53	8	n, t, u
Hpl. for Tropical Diseases, 23, Devonshire Street, London, W.1	Welbeck 8371	C. H. Langley, A.H.A. Mrs. M. Hill				42				6	48		
St. Pancras Hpl., 4, St. Pancras Way, London, N.W.1	Euston 1617	O. R. Cross, A.C.A. Miss E. Graves	25 60	86	157						258 146		l, m, z
TOTAL BED COMPLEMENT			509 60	63 86	157	42	20	76		119	986 146	26	

5. The Middlesex Hospital

Secretary-Superintendent : Brig. G. P. HARDY-ROBERTS,
C.B., C.B.E.,
Middlesex Hpl.

Chairman : The Hon. J. J. ASTOR,
18, Carlton House Terrace,
London, S.W.1

Finance Officer : A. J. PENFOLD, A.S.A.A.,
Middlesex Hpl.

Engineer : D. LATTO, M.I.MAR.E.,
Middlesex Hpl.

Middlesex Hpl.,
Mortimer Street, London, W.1

Brig. G. P. Hardy-Roberts, C.B.,
C.B.E.
Miss M. J. Marriott

Museum
8333

Middlesex Hpl.,
Branch Hpl. and Hulke Endowed
Convalescent Home,
Clacton-on-Sea, Essex

Brig. G. P. Hardy-Roberts, C.B.,
C.B.E.
Miss E. M. Land

Clacton
877

Deputy Superintendent : H. M. WILKINSON, M.C., F.H.A.,
Middlesex Hpl.

Supplies Officer : V. L. LEEK, A.C.I.S.,
Steward's Office, Middlesex Hpl.

60*

64

712

26

a, l, o, q, r, s, t, u, v

*Convalescent.

5. The Middlesex Hospital—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
St. Luke's Woodside Hpl. for Psycho-logical Medicine, Woodside Avenue, Muswell Hill, London, N.10	Tudor 8311	Mrs. P. C. Thompson Miss S. E. Clark (Sister-in-charge)						67		7	74	17	u, v
Hospital for Women, 29-30, Soho Square, London, W.1	Gerrard 5772	D. C. Emery, F.H.A. Miss G. A. Davies	71							12	83	3	u, v
Arthur Stanley Institute for Rheumatic Diseases, Peto Place, London, N.W.1	Welbeck 1133	Lt. Col. B. J. G. Madden, D.S.O. Miss W. M. McAllister											q, u, v
TOTAL BED COMPLEMENT			589	30				67	60	83	929	46	

6. Charing Cross Hospital

<i>House Governor and Secretary</i> : G. J. JONES, F.H.A., Charing Cross Hpl.		<i>Chairman</i> : The Rt. Hon. The Lord INMAN, P.C., J.P., Knaresborough House, Warminglid, Near Haywards Heath, Sussex		<i>Finance Officer</i> : A. D. AMEY, A.H.A., Charing Cross Hpl.									
Charing Cross Hpl., Agar Street, West Strand, London, W.C.2	Temple Bar 6431	G. J. Jones, F.H.A. Miss D. M. Dickinson	396*	28	20†							444	a, l, r, t, u, v. *Includes 133 beds at Mount Vernon, for which responsible. † Includes 7 beds at Mount Vernon for which respon- sible.
Harrow Hpl., Roxeth Hill, Harrow, Middx.	Byron 2232	S. Garbutt, F.H.A. Miss E. Martin	111							11	122		a, l, n, u
Wembley Hpl., Fairview Avenue, Wembley, Middx.	Wembley 3136	P. E. Windo, F.H.A. Miss M. G. Forbes	86							14	100		a, l, u
TOTAL BED COMPLEMENT			593	28	20					25	666		

7. St. George's Hospital

Secretary and House Governor : P. H. CONSTABLE, M.A., F.H.A.,
St. George's Hpl.

Finance Officer : W. E. HALL, F.H.A., F.C.I.S.,
St. George's Hpl.

Chairman : Sir WALTER TURNER MONCKTON, K.C.M.G.,
K.C.V.O., K.C., M.C.,
3, Paper Buildings, Temple, London, E.C.4

Supplies Officer : S. V. CAMBRIDGE, A.H.A.,
St. George's Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
St. George's Hpl., Hyde Park Corner, London, S.W.1	Sloane 7151	P. H. Constable, M.A., F.H.A. Miss M. B. Powell	299	24					14	337		a, l, n, o, t, u, v	
Atkinson Morley Convalescent Hpl., Copse Hill, Wimbledon, London, S.W.19	Wimbledon 7711		60					30	49	139			
Victoria Hpl. for Children, Tite Street, Chelsea, London, S.W.3	Flaxman 9492	P. B. Wheeler, A.H.A. Miss E. M. Miller	95 18				6		11	112 18		b, l, n, t, u, v	
Victoria Convalescent Home, Stone Road, Broadstairs, Kent	Broadstairs 1155	P. B. Wheeler, A.H.A. Miss E. M. Miller							74	74			
Princess Beatrice Hpl., 281, Old Brompton Road, Earls Court, London, S.W.5	Flaxman 6632	Miss G. Pursell, A.H.A., A.L.A.A. Miss L. E. Platt	66	10					18	94		a, l, n, t, u	
Royal Dental Hpl., 32, Leicester Square, London, W.C.2	Whitehall 6427	W. J. Ickeringill, A.H.A., A.S.A.A.											
TOTAL BED COMPLEMENT			520 18	34			6	30	49	117	756 18		

8. Westminster Hospital

Secretary and House Governor : C. M. POWER, O.B.E., M.C.,
F.H.A.,
Westminster Hpl.

Steward : C. J. PRICE,
Westminster Hpl.

Deputy Secretary and House Governor : R. I. G. BROOKS,
M.B.E., M.A.,
Westminster Hpl.

Chief Engineer : H. J. RIDGWAY, M.INST.H.E., A.M.I.MECH.E.,
Westminster Hpl.

Chairman : The Rt. Hon. The Lord NATHAN OF CHURT T.D., D.L.,
55, Park, Lane, London, W.1

Westminster Hpl., St. John's Gardens, London, S.W.1	Victoria 8161	C. M. Power, O.B.E., M.C., F.H.A. Miss G. C. Jones	361	20						28	418	36	a, l, s, t, u, v
Westminster Hpl. Convalescent Home, Chartham Park, East Grinstead, Sussex	Dormans Park 340	Miss F. Prior							30		30		

8. Westminster Hospital - Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
Westminster Hpl. (Parkwood) Convalescent Home, Swanley, Kent	Swanley Junction 2391	Miss M. Pittman, M.B.E. (Matron)							80 40		80 40		
Yarrow Home for Convalescent Children, Ramsgate Road, Broadstairs, Kent	Broadstairs 1151	Miss K. R. Brown (Matron)							60 40		60 40		
Westminster Children's Hpl., Vincent Square, London, S.W.1	Victoria 5242	Miss C. E. Holmes Miss G. Hilder	57 33							10	57 43		<i>h, l, u, v</i>
Gordon Hpl., 126, Vauxhall Bridge Road, London, S.W.1	Victoria 6292	G. Tait Hunter Miss E. Wortley	87							15	102	8	<i>c, l, t, u</i>
Westminster Hpl. (All Saints) Urological Centre, Austral Street, Southwark, London, S.E.11	Reliance 3081	D. H. Eade, F.H.A., A.C.I.S. Miss F. Fuller	42 5							4	46 5	7	
TOTAL BED COMPLEMENT			547 38	26	3				170 80	47 10	793 128	51	

9. St. Mary's Hospital

<i>House Governor</i> : Col. W. PARKES, D.S.O., M.C., B.COM., J.P., F.H.A., St. Mary's Hpl.	<i>Chairman</i> : ANTHONY DE ROTHSCHILD, D.L., M.A., St. Mary's Hpl.	<i>Deputy House Governor</i> : ALAN C. R. POWDITCH, M.C., A.H.A., St. Mary's Hpl.								
<i>Accountant</i> : H. W. STILES, A.S.A.A., St. Mary's Hpl.		<i>Steward and Supplies Officer</i> : J. T. S. CHEESEMAN, A.H.A., M.P.O.A., St. Mary's Hpl.								
		<i>Clerk of Works</i> : C. F. RICHARDS, St. Mary's Hpl.								
St. Mary's Hpl., Praed Street, Paddington, London, W.2	Ambassador 1280	Col. W. Parkes, D.S.O., M.C., B.COM., J.P., F.H.A. Miss M. G. Milne	380	29		11		66	475 11	a, l, n, q, t, u, v
Joyce Grove House, Nettlebed, Oxon.	Nettlebed 210	Col. W. Parkes, D.S.O., M.C., B.COM., J.P., F.H.A. Miss A. E. Curriell (Sister-in-charge)								At present used as preliminary training school for nurses
Adair Lodge, Aldeburgh, Suffolk	Aldeburgh 309	Col. W. Parkes, D.S.O., M.C., B.COM., J.P., F.H.A. Miss M. C. Crawshaw								Convalescent home for mem- bers of St. Mary's nursing staff

9. St. Mary's Hospital—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
Paddington Green Children's Hpl., Paddington Green, London, W.2	Paddington 1081	E. W. Stockwell, F.H.A. Miss L. V. Brooks	52								52		n, t, v
	Bagshot 94	E. W. Stockwell, F.H.A. Miss K. Hoddinott						24*			24		*Convalescent.
"Pinecroft" Convalescent Home, Macdonald Road, Lightwater, Surrey		E. W. Stockwell, F.H.A.											Not yet available for use
Princess Louise Kensington Hpl., St. Quintin Avenue, N. Kensington, London, W.10	Ladbroke 0133	A. C. Young, D.F.C. Miss E. M. Edmunds, D.N.	59 14							2	61 14		h, n, t
	Littlehampton 70	A. C. Young, D.F.C. Miss A. Le Page						15* 10			15 10		
Samaritan Free Hpl. for Women, Marylebone Road, London, N.W.1	Paddington 0064	D. L. Jones, M.C. Miss E. K. Pite	74							14	88		c, l, n, u
	Paddington 4061	A. E. Tyler, F.H.A. Miss E. A. Postlethwaite	33 4							6	39 4		n
St. Luke's Hpl. for Advanced Cases, Hereford Road, Bayswater, London, W.2	Bayswater 2713	Miss E. W. Bice J. H. Banks, M.R.C.S., L.R.C.P. (Med. Miss L. M. M. Pipkin [Supt.)						48			48		n,
	TOTAL BED COMPLEMENT		598 18	29		11		87 10	78		802 39		

10. Guy's Hospital

Clerk to the Governors and Finance Officer : B. LEES READ,
F.H.A., A.C.A., Guy's Hpl.
Tel.: Hop 1086

Supplies Officer : W. H. SIDNELL, F.H.A.,
Central Stores, Guy's Hpl.
Tel.: Hop 1806

Chairman : The Lord CUNLIFFE,
5, Carlos Place, London, W.1

Assistant Clerk to the Governors : A. H. BURFOOT,
Guy's Hpl.
Tel.: Hop 1806

Engineer : W. P. BENTLEY,
Works Dept., Guy's Hpl.
Tel.: Hop 3500

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
Guy's Hpl., St. Thomas's Street, London, S.E.1	Hop 3500	B. Lees Read, F.H.A., A.C.A. W.D. Doherty, M.CH., F.R.C.S. (Med. Miss D. M. Smith, O.B.E. [Supt.])	465	47							512		a, b, o, q, s, t, u, v
York Clinic, Guy's Hpl., London Bridge, S.E.1	Hop 0336	B. Lees Read, F.H.A., A.C.A. T. A. Munro, M.D., F.R.C.P. (Ed.), D.P.M. (Med. Supt.) Miss E. MacDonald (Sister-in-charge)						15		28	43	10	Approved for associated training of mental nurses associated with Bexley Hpl.
Nuffield House, Guy's Hpl., London Bridge, S.E.1	Hop 1864	B. Lees Read, F.H.A., A.C.A. W.D. Doherty, M.CH., F.R.C.S. (Med. Supt.) Miss M. A. Lloyd (Sister-in-charge)								65	65		
Evelina Hpl. for Sick Children, Southwark Bridge Road, London, S.E.1	Hop 1165	W. H. Sidnell, F.H.A. Miss E. M. Joyce	72				8				80		h, b, n, v
Eleanor Wemyss Recovery and Con- valescent Home, Crazies Hill, Near Reading, Berks.	Wargrave 72	W. H. Sidnell, F.H.A. Miss E. M. Joyce	537	47			8	15	20*	93	720	10	*Convalescent.
TOTAL BED COMPLEMENT			537	47			8	15	20	93	720	10	

12. St. Thomas' Hospital

Clerk of the Governors : R. PELHAM BORLEY,
St. Thomas' Hpl.
Tel.: Waterloo 5636

Finance Officer : M. S. RIGDEN, A.C.A.,
St. Thomas' Hpl.
Tel.: Waterloo 5636

Deputy Clerk of the Governors : W. A. A. PEARSON,
St. Thomas' Hpl.
Tel.: Waterloo 5636

Chairman : The Hon. A. J. PALMER HOWARD, C.V.O., D.L., M.P.,
St. Thomas' Hpl.

Superintendent of Works : H. E. FREWER, G.M.
St. Thomas' Hpl.
Tel.: Waterloo 5636

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
St. Thomas' Hpl., Lambeth Palace Road, London, S.E.1	Waterloo 6633	R. Pelham Borley Miss M. J. Smyth	456	35			10			37	501 37		a, l, o, q, t, u, v
Royal Waterloo Hpl. for Children and Women, Waterloo Road, London, S.E.1	Waterloo 7421	A. J. Paterson Miss M. W. Mudge	110 12							7	117 12	2	b, l, t, u
General Lying-in Hpl., York Road, London, S.E.1	Waterloo 4580	Miss P. M. Betts, A.H.A. Miss C. C. Rae		56						4	60		o,
Grosvenor Hpl. for Women, Vincent Square, London, S.W.1	Victoria 2862	R. J. Kear Miss R. M. Bailey		45						11	56		t
Roffey Park Rehabilitation Centre, Horsham, Sussex	Faygate 204	A. W. Lorimer T. M. Ling, M.D., M.R.C.P. (Med. Miss J. F. Y. Lamb [Supt.])							118		118		t
St. Thomas' Hpl., Hydestile, Godalming, Surrey	Godalming 1228	R. Pelham Borley Miss M. J. Smyth	136								136		t
St. Thomas' Babies' Hostel (Dietetic Hpl.), 35, Black Prince Road, London, S.E.11	Reliance 1972	R. Pelham Borley Miss A. E. Baldock	27								27		u
TOTAL BED COMPLEMENT			729 12	136			10		118	22 37	1,015 49	2	

13. The Hammersmith, West London and St. Mark's Hospitals

Secretary : WM. MILTON, F.H.A., F.I.A.C., A.R.SAN.I.,
150, Du Cane Road, Shepherd's Bush, London, W.12
Tel. : Shepherd's Bush 4465

Chairman : SOMERVILLE HASTINGS, M.P.,
12, Westminster Palace Gardens,
Victoria Street, London, S.W.1

Finance Officer : A. W. STAFFORD,
150, Du Cane Road, Shepherd's Bush, London, W.12

Engineer : J. P. ABBOTT, B.Sc., A.M.I.M.E., A.M.I.E.E.,
150, Du Cane Road, Shepherd's Bush, London, W.12

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
Hammersmith Hpl., Du Cane Road, Shepherd's Bush, London, W.12	Shepherd's Bush 4465	T. C. Wardle, A.H.A. Dr. H. G. Wimbush (Med. Supt.) Miss M. L. Godden, S.R.N., S.C.M.	493 12	108 7	30						631 19		a, l, m, n, t, u, v
West London Hpl., Hammersmith Road, London, W.6	Riverside 3441	C. R. Lockhart, A.H.A., F.C.I.S. Miss M. E. Craven, R.R.C.	192			8			14		214		a, l, m, n, t, u, v
St. Mark's Hpl. for Cancer, Fistula and other Diseases of the Rectum, City Road, London, E.C.1	Clerkenwell 1504	Raymond Bull, F.C.I.S. Miss F. J. Cable	63							9	72		c, l, n, u, v
TOTAL BED COMPLEMENT			748 12	108 7	30	8			14	9	917 19		

14. The Hospital for Sick Children

House Governor and Secretary : H. F. RUTHERFORD, F.H.A.,
The Hpl. for Sick Children

Finance Officer : C. THORNTON STONES, A.C.A.,
The Hpl. for Sick Children

Deputy House Governor : K. W. G. TREAGUS, A.H.A.,
The Hpl. for Sick Children

Steward : H. CHAPMAN,
The Hpl. for Sick Children

Works Manager : W. Heyes,
The Hpl. for Sick Children

Chairman : T. H. BISCHOFF, M.C., M.A.,
Bellmount, Watchbell Street, Rye, Sussex

The Hpl. for Sick Children, Great Ormond Street, London, W.C.1	Holborn 9200	H. F. Rutherford, F.H.A. Miss D. A. Lane	260							42	302		h, l, t, u, v
The Hpl. for Sick Children (Country Branch), Tadworth Court, Tadworth, Surrey	Burgh Heath 716, 1818	H. F. Rutherford, F.H.A. Miss M. Magall (Sister Supt.)	101								101		
"Runabouts" Convalescent Home, Chipping Norton, Oxon.	Chipping Norton 62	H. F. Rutherford, F.H.A. Mrs. H. Frost (Sister-in-charge)							18*		18		*Convalescent.
Sarah Louise Convalescent Home, 19-21, Westbourne Villas, Hove, Sussex	Hove 8486	H. F. Rutherford, F.H.A. Miss E. Redman (Sister-in-charge)							18*		18		
TOTAL BED COMPLEMENT			361						36	42	439		

15. The National Hospitals for Nervous Diseases

Secretary and Finance Officer : H. E. MITCHELL, F.H.A.,
The National Hpl.

Chairman : SIR ERNEST GOWERS, G.B.E., K.C.B.,
Rondle Wood, Liphook, Hants.

Deputy Secretary : GEOFFREY A. ROBINSON, A.C.A., A.H.A.,
The National Hpl.

Hospital	Telephone	Senior Officers	Bed Complement										Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	
The National Hpl., Queen Square, Bloomsbury, London, W.C.1	Terminus 7721	H. E. Mitchell, F.H.A. Miss M. Ling							143* 39	11	154 39		c, e, l, n, t, v. *Neurological and neurosurgical.
The National Hpl. Convalescent Home, High Road, East Finchley, London, N.2	Tudor +272								12* 13		12 13		
Maida Vale Hpl. for Nervous Diseases, 4, Maida Vale, London, W.9	Cunningham 7272	L. C. Dixon Miss W. K. Westacott							44* 35	6	50 35		m, n, t, u, v
TOTAL BED COMPLEMENT									199 87	17	216 87		

16. The Royal National Throat, Nose and Ear Hospital

House Governor, Secretary and Finance Officer :
JOHN H. YOUNG, F.H.A.,
Royal National Throat, Nose and Ear Hpl.

Chairman : ERNEST E. TAYLOR,
Glens Mount, Benhill Wood Road, Sutton, Surrey

First Administrative Assistant : H. J. ROUVRAY,
Royal National Throat, Nose and Ear Hpl.

Royal National Throat, Nose and Ear Hpl., Gray's Inn Road, London, W.C.1	Terminus 4311	John H. Young, F.H.A. Miss K. M. Wade, A.R.R.C.	58 39							9 1	67 40		c, n, t, u
Royal National Throat, Nose and Ear Hpl., Golden Square, London, W.1	Gerrard 4058	John H. Young, F.H.A. Miss K. M. Wade, A.R.R.C.	35 43							3 11	38 54		n, t, u
Dame Gertrude Young Memorial Con- valescent Home, Castle Bar Hill, Ealing, London, W.9	Perivale 2124	John H. Young, F.H.A. Miss K. M. Wade, A.R.R.C.							26*		26		n. *Convalescent.
TOTAL BED COMPLEMENT			93 82						26	12 12	131 94		

17. The Moorfields, Westminster and Central Eye Hospital

House Governor (Chief Administrative Officer) :
A. J. M. TARRANT, F.H.A.,
Moorfields, Westminster and Central Eye Hpl. (Moorfields Branch)

Secretary : J. P. HEMING, B.A., F.H.A.,
Moorfields, Westminster and Central Eye Hpl. (Moorfields Branch)

Finance Officer : L. G. KRAMER, A.L.A.A.,
Moorfields, Westminster and Central Eye Hpl. (Moorfields Branch)

Chairman : The Rt. Hon. The Lord LUKE, J.P.,
181, St. James's Court, Buckingham Gate,
London, S.W.1

Engineer : W. KEENAN,
Moorfields, Westminster and Central Eye Hpl. (Moorfields Branch)

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
Moorfields, Westminster and Central Eye Hpl. (Moorfields Branch), City Road, London, E.C.1	Clerkenwell 6101	A. J. M. Tarrant, F.H.A. Miss M. B. Mackellar	166							28	194	7	c, l, r, t
Moorfields, Westminster and Central Eye Hpl. (Westminster Branch), High Holborn, London, W.C.1	Temple Bar 1457	A. J. M. Tarrant, F.H.A. Miss G. L. Long	86							14	100	4	n, t
TOTAL BED COMPLEMENT			252							42	294	11	

18. The Bethlem Royal Hospital and The Maudsley Hospital

Secretary : MALCOLM B. HEWITT,
14A, New Bridge Street, London, E.C.4
Tel. : Central 1249

Deputy House Governor : W. A. J. FARNDALE, B.COM., F.C.I.I.,
The Bethlem Royal Hpl. and The Maudsley Hpl.

House Governor : K. J. JOHNSON, F.H.A.,
The Bethlem Royal Hpl. and The Maudsley Hpl.

Chairman : Mrs. MARY ORMEROD, B.A.,
8, Primrose Hill Road, London, N.W.3

Engineer : A. J. NEWTON,
The Bethlem Royal Hpl. and The Maudsley Hpl.

Clerk of Works : A. WADE,
The Bethlem Royal Hpl. and The Maudsley Hpl.

The Bethlem Royal Hpl. and The Maudsley Hpl., Monks Orchard, Eden Park, Beckenham, Kent	Springpark 1180	K. J. Johnson, F.H.A. Miss M. Robinson									229 12	229 12	f, l, n
The Bethlem Royal Hpl. and The Maudsley Hpl., Denmark Hill, London, S.E.5	Rodney 2634	K. J. Johnson, F.H.A. Miss B. Vaughan									230 60	230 60	f, l, m, n, u, v
TOTAL BED COMPLEMENT											459 72	459 72	

19. St. John's Hospital for Diseases of the Skin

Secretary : R. K. HOGGINS,
St. John's Hpl. for Diseases of the Skin

Chairman : J. A. M. ELLISON-MACARTNEY,
Grove House, Selling, Near Faversham, Kent

Finance Officer : H. W. PLATTS,
St. John's Hpl. for Diseases of the Skin

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
St. John's Hpl. for Diseases of the Skin, 5, Lisle Street, Leicester Square, London, W.C.2	Gerrard 5580	R. K. Hoggins					N II.						u, v

20. The Hospitals for Diseases of the Chest

Secretary and Finance Officer : F. G. ROUVRAY, F.H.A.,
Hpl. for Consumption and Diseases of the Chest

Chairman : Sir ROBERT ARTHUR YOUNG, C.B.E., M.D., F.R.C.P.,
22, Down Street, London, W.1

Deputy Secretary and Finance Officer : T. BROWN,
London Chest Hpl.

Hpl. for Consumption and Diseases of the Chest, Fulham Road, Brompton, London, S.W.3	Flaxman 4525	F. G. Rouvray, F.H.A. Miss E. M. Thornhill	193 78								193 78	7	n, t u
Brompton Hpl. Sanatorium, Frimley, Aldershot, Hants	Camberley 275	F. G. Rouvray, F.H.A. A. F. Foster-Carter, M.D., B.Ch. (Med. Miss E. M. Thornhill [Supt.]	138 12								138 12	36	t
London Chest Hpl., Bonner Road, London, E.2	Advance 1214	T. Brown Miss D. Willoughby	135 55								135 55		c, l, n, t, u
London Chest Hpl. (Country Branch), Arlesey, Beds	Arlesey 16	T. Brown Miss M. I. Twibell	130 220								130 220		n, t, u
TOTAL BED COMPLEMENT			596 365								596 365		

21. The Royal National Orthopaedic Hospital

House Governor : Lt. Col. E. K. Wood, O.B.E., A.H.A.,
Royal National Orthopaedic Hpl.
Assistant Secretary and Finance Officer : S. H. J. Blake, A.H.A.,
Royal National Orthopaedic Hpl.

Chairman : Louis Fleischmann, C.B.E.,
Royal National Orthopaedic Hpl.
Engineer : A. T. Penn, M.I.E.C.,
Royal National Orthopaedic Hp

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.	Notes
Royal National Orthopaedic Hpl., 234, Gt. Portland Street, London, W.1	Euston 6003/7	Lt. Col. E. K. Wood, O.B.E., A.H.A. Miss M. E. Sands	80							12	92		<i>l, n, u</i>
			326 38						44*		370 38		<i>c, l, n, u.</i> *Convalescent.
Country Hpl. and Convalescent Branch, Brockley Hill, Stanmore, Middlesex	Grimsdyke 1894/8	Lt. Col. E. K. Wood, O.B.E., A.H.A. Miss M. E. Sands	406 38							44	12	462 38	

22. The National Heart Hospital

Secretary and Finance Officer : Capt. R. Whitney, M.B.E., J.P.,
The National Heart Hpl.

Chairman : M. V. Ely,
" Highlands," 104, Brighton Road, Sutton, Surrey
Assistant Secretary : Miss M. W. Bailey,
The National Heart Hpl.

The National Heart Hpl., Westmoreland Street, London, W.1	Welbeck 1810	Capt. R. Whitney, M.B.E., J.P. Miss W. M. Parker	47								47		<i>m, n, t, u</i>
Country Branch, Maids Moreton, Bucks	Buckingham 2235		20 16								20 16		
		TOTAL BED COMPLEMENT	67 16								67 16		

23. St. Peter's and St. Paul's Hospitals

House Governor and Secretary : J. R. Hopkins,
St. Peter's Hpl.

Chairman : L. E. D. Bevan,
54, Lombard Street, London, E.C.3

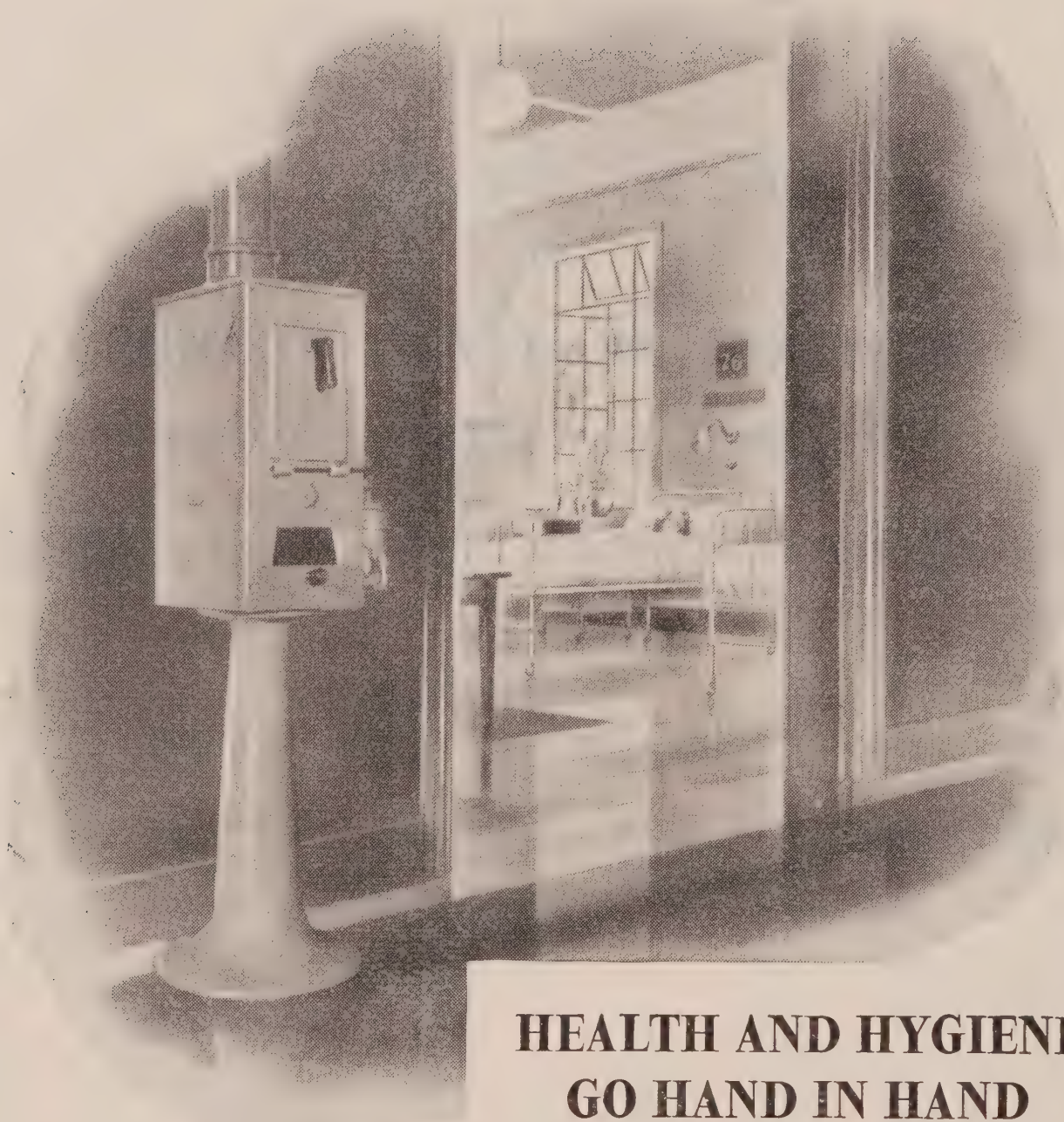
Finance Officer : W. S. White,
St. Paul's Hpl.

St. Peter's Hpl., Henrietta Street, London, W.C.2	Temple Bar 2218	J. R. Hopkins Miss J. M. Forsyth	80								80	8	<i>u, v</i>
St. Paul's Hpl., Endell Street, London, W.C.2	Temple Bar 0161	J. R. Hopkins Miss J. M. Forsyth											
		TOTAL BED COMPLEMENT	80								80	8	

D I R E C T O R Y
OF
REGIONAL HOSPITAL BOARDS
BOARDS OF MANAGEMENT
AND HOSPITALS CONTROLLED BY THEM
SCOTLAND

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For notes on directory and key to symbols see over (page 517).



HEALTH AND HYGIENE GO HAND IN HAND

THE IMMEDIATE DISPOSAL of infected swabs, dressings and sanitary towels is of paramount importance in any hospital routine. Sugg gasfired incinerators are designed to cope with this disagreeable task, speedily, effectively and with the greatest economy. Action is automatic on opening the door. Burning time can be set for any period from 3 to 120 minutes. All rubbish and ward refuse that is burnable can be consumed at once on the spot, thus simplifying the work and reducing risk of infection to a minimum.



GAS INCINERATORS

WILLIAM SUGG & CO. LTD., CHAPTER STREET, WESTMINSTER, S.W.1. TELEPHONE: VIC. 3211

Board of Management Officers

Senior Officers at Individual Hospitals

Bed Complement

Key to Letter Symbols

Abbreviations, etc.

Children Act accommodation = Beds made available by boards of management to the local authorities as accommodation for the purposes of the Children Act, 1948.

NORTHERN REGION

Area : The counties of Caithness, Inverness, Nairn, Ross and Cromarty and Sutherland, including all the burghs therein.

Population : 195,283.

Regional Hospital Board

Address : Raigmore Hospital, Inverness

Telephone : Inverness 1840

Chairman of Board : D. Macpherson (b)

Other Members : (a) Col. The Hon. I. M. Campbell, D.S.O., T.D., Miss M. B. Clyne, Treasurer J. A. Farley, R. Gilbert, I. H. Maciver, Rev. Father N. MacKellaig ; (b) A. J. C. Hamilton, Mrs. Macleod of Macleod, Rev. Murdo Macleod, Rev. Ian M. MacRury, T. Scott ; (c) J. R. Anderson, J. S. Banks, N. MacIver, A. Mackintosh, William McWilliam, B. S. Simpson.

N.B.—Members under (a) are appointed to serve until March 31st, 1950 ; those under (b) until March 31st, 1951 : those under (c) until March 31st, 1952.

Secretary :

A. M. FRASER, K.H.P., M.D., D.P.H.

Assistant Secretary :

F. MACINNES, A.H.A.

Treasurer :

F. MACINNES, A.H.A.

Deputy Assistant Secretary :

MISS A. S. GORDON

Regional Architect :*

D. POLSON HALL

Senior Admin. Medical Officer :

A. M. FRASER, K.H.P., M.D., D.P.H.

Assistant Senior Medical Officer :

R. A. READ, M.B., CH.B., D.P.H.

*The Chief Architect is R. FORBES HUTCHISON, A.R.I.B.A., Chief Architect for all the Scottish Regions except the Western.

NORTHERN REGION—BOARDS OF MANAGEMENT AND HOSPITALS

1. Inverness Hospitals Board of Management

Secretary and Treasurer: A. S. RANKIN, F.H.A.,
Muirfield Hpl.

Chairman: R. GILBERT,
Bellevue, Upper Drummond, Inverness

Supplies Officer and Engineer: (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	P.P.	Notes	
Royal Northern Inf. (2), Ness Walk, Inverness	Inverness 770	Admin. Officer: (n.y.a.) Gen. W. C. Paton (Med. Supt.) Miss I. Dean	201								20	221	a, d, t, u
Raigmore Hpl. (4), Inverness	Inverness 1840	Admin. Officer: (n.y.a.) Col. A. E. S. Irvine (Retd.) (Med. Supt.) Miss M. F. Miller	311 32	12 45								323 77	a, l, u
Culduthel Infectious Diseases Hpl. (3), Inverness	Inverness 334	Admin. Officer & Med. Supt.: (n.y.a.) Miss E. D. Noble				80	24					104	j, l, n
Craig Dunain Hpl. (1), Inverness	Inverness 1963	Admin. Officer: (n.y.a.) Dr. W. Macwilliam (Med. Supt.) Miss C. Macdonald							931			931	f, l, m, n, v, w
Inverness-shire Sanatorium (3), Invergarry, Inverness-shire	Fort Augustus 15	Admin. Officer & Med. Supt.: (n.y.a.) Miss C. Macleay					14 12					14 12	
Rosedene Maternity Hpl. (4), Inverness	Inverness 321	Admin. Officer & Med. Supt.: (n.y.a.) Miss H. H. Campbell		16								16	
Muirfield Hpl. (3), Inverness	Inverness 150	T. M. Allison Med. Supt.: (n.y.a.) Miss J. Mackenzie		3	54							57	
Meadowside Hpl., Kingussie, Inverness-shire			512 32	31 45	54	80	38 12		931		20	1666 89	Not in use
TOTAL BED COMPLEMENT													

SUB-GROUPING				Senior Administrative Officer:—(n.y.a.)			
(1) Craig Dunain Sub-Group
(2) Royal Northern Inf. Sub-Group
(3) Culduthel Muirfield Sub-Group
(4) Raigmore Sub-Group

2. Nairn Board of Management

Secretary and Treasurer: ALASTAIR COLVIN,
County Buildings, Nairn
Tel.: Nairn 2

Chairman: Rev. ALEXANDER GEMMELL, F.P.H.S.,
The High Manse, Nairn

Medical Superintendent: Dr. J. ERIC WILSON, M.D.,
Erskine, Nairn
Tel.: Nairn 65

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	
Town & County Hpl., Nairn	Nairn 1	Dr. J. Eric Wilson (Med. Supt.) Miss M. J. Ross	19	6								25	5	u
		TOTAL BED COMPLEMENT	19	6								25	5	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

Name and Address of Institution		Telephone	Name of Authority owning Institution		No. of beds provided for Board	
Balblair Home, Nairn		Nairn 114	Joint County Council of Moray and Nairn		—	10

3. Ross (Mainland) Hospitals Board of Management

Secretary and Treasurer: D. J. MACDONALD,
Secretary's Office, Ross Memorial Hpl.
Tel.: Dingwall 2224

Chairman: T. H. BURNS,
Park St., Dingwall, Ross

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Ross Memorial Hpl., Ferry Road, Dingwall, Ross	Dingwall 2225	Dr. J. J. Sinclair (Med. Supt.) Mrs. J. Yule	24	17							8	49		m, u
Invergordon Infectious Diseases Hpl., Invergordon, Ross	Invergordon 121	Dr. J. L. Horne (Med. Supt.) Miss A. E. Cowie				42 30	38 30					80 60		j, u,
Nicolson MacKenzie Memorial Hpl., Strathpeffer, Ross	Strathpeffer 110	Dr. D. S. Dick (Med. Supt.) Miss A. Grassick		10	15							15		
Cromarty Cottage Hpl., Cromarty, Ross	Cromarty 216	Dr. K. J. Gillanders (Med. Supt.)										10		
TOTAL BED COMPLEMENT			24	27	15	42 30	38 30				8	139 75		

3. Ross (Mainland) Hospitals Board of Management—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution.

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for Board
Arthurville House, Tain, Ross.	Tain 41	County Council of Ross and Cromarty	12

4. Sutherland Hospitals Board of Management

Secretary and Treasurer: D. J. MacKAY,
Library Buildings, Bonar Bridge, Sutherland
Tel.: Ardgay 217

Chairman: G. J. GRANT,
"Pulrossie," Dornoch, Sutherland

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	
Cambusvie Infectious Diseases Hpl., The Mound, Sutherland	The Mound 202	Dr. K. A. Macrae (Acting Med. Supt.)				17	8					25		
		Miss L. H. Brittan			8	4						12		
General Pope Hpl., Helmsdale, Sutherland		Dr. W. N. Gray (Med. Supt.)		4								8		
Lawson Memorial Hpl., Golspie, Sutherland	Golspie 10	Miss A. Grant (Matron)	28									28		
TOTAL BED COMPLEMENT			28	4		17	8					53		
						8	4					20		

5. Caithness Board of Management

Secretary: A. B. CAMPBELL,
6, Back Bridge Street, Wick, Caithness
Tel.: Wick 142

Chairman: Ex-Provost JOHN HARPER,
Waverley House, Wick, Caithness

Dunbar Hpl., Ormlie Road, Thurso, Caithness	Thurso 25	Sheriff G. Cormack Cohen A. N. Roxburgh (Med. Supt.) Miss M. M. Henderson	25	6								31	2
Town & County Infectious Diseases Hpl., South Road, Wick, Caithness	Wick 33	John S. Banks Dr. George Dick (Interim Med. Supt.) Miss R. S. Stamp				13 20	10					23 20	

5. Caithness Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	Notes
Henderson Memorial Nursing Home, "Rosebank," Wick, Caithness	Wick 135	Baillie W. F. Dunnett Miss A. Begg		10								10	3	
Bignold Cottage Hpl., George Street, Wick, Caithness	Wick 34	Ex-Provost John Harper Dr. George Dick (Med. Supt.) Miss H. Bain	25			3						25 3	2	
TOTAL BED COMPLEMENT			50	16		13 23	10					89 23	7	

6. Lochaber Board of Management

Secretary: ROBERT DOW,
B.L. Bank Buildings, Fort William, Inverness-shire
Tel.: Fort William 32

Treasurer: F. MACINNES,
Raigmore Hpl., Inverness
Tel.: Inverness 1840

Chairman: Dr. I. H. MACIVER,
Valtos, Fort William, Inverness-shire

Medical Superintendent:
D. G. DUFF, M.C., M.B., CH.B., F.R.C.S. (ED.),
Achintore, Fort William, Inverness-shire
Tel.: Fort William 152

Belford Hpl., Fort William, Inverness	Fort William 49	Robert Dow D. G. Duff, F.R.C.S. (Med. Supt.) Miss M. Ross	32								1	33	4	m, n, u
TOTAL BED COMPLEMENT			32								1	33	4	

7. Skye Board of Management

Secretary and Treasurer: JAMES PHILP,
National Bank Buildings,
Portree, Isle-of-Skye
Tel.: Portree 39

Chairman: The Rt. Hon. Lord MACDONALD,
Ostaig House, Sleat, Isle-of-Skye

Gesto Hpl., Edinbane, Isle-of-Skye	Edinbane 2	Dr. J. MacKenzie (Med. Supt.) Miss F. MacAskill	12									12		
Mackinnon Memorial Hpl., Broadford, Isle-of-Skye	Broadford 206	Dr. A. MacInnes (Med. Supt.) Miss M. Robertson	10									10		
Ross Memorial Hpl., Portree, Isle-of-Skye		Dr. D. Mackinnon (Med. Supt.)												
John Martin Hpl., Uig, Isle-of-Skye	Uig 4	Dr. A. MacDonald (Med. Supt.) Miss M. MacKenzie		10								10		
TOTAL BED COMPLEMENT			22	10								32		

Only opened during
fever outbreaks

8. Lews and Harris Board of Management

Secretary and Treasurer: IAN MACLEOD,
c/o Lewis Hpl.

Chairman: NORMAN MACIVER,
"Barvas Lodge," Stornoway, Isle of Lewis

Hospital	Telephone	Senior Officers	Bed Complement												Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Lewis Infectious Diseases Hpl., Willowglen Road, Stornoway, Isle of Lewis	Stornoway 18	Dr. R. S. Doig, M.B., CH.B., D.P.H. (Med. Supt.) Miss Helen R. Hemphill				25						25		"	
			56	5								61		c, l	
Lewis Hpl., Goathill Road, Stornoway, Isle of Lewis	Stornoway 22	E. Norman Jamieson, F.R.C.S.E. (Med. Supt.) Miss Margaret Ramage												"	
County Hpl., Willowglen Road, Stornoway, Isle of Lewis	Stornoway 18	Dr. R. S. Doig, M.B., CH.B., D.P.H. (Med. Supt.) Miss Helen R. Hemphill					50					50		"	
			56	5		25	50				136				
TOTAL BED COMPLEMENT			56	5		25	50								

9. North Uist Hospitals Board of Management

Secretary and Treasurer: RICHARD P. MALTMAN,
County Buildings, Lochmaddy, North Uist,
Inverness-shire
Tel.: Lochmaddy 322

Chairman: Capt. J. A. R. McDONALD,
Balranald, Lochmaddy, North Uist
Medical Superintendent: Dr. A. J. MACLEOD,
Lochmaddy, North Uist, Inverness-shire
Tel.: Lochmaddy 333

Supplies Officer: D. J. MACINNES,
Long Island Institution

The Hospice, Lochmaddy, North Uist, Inverness-shire	Lochmaddy 325	Dr. A. J. Macleod (Med. Supt.) Mrs. E. J. Ross (Sister-in-charge)	3									3		
Long Island Institution, Lochmaddy, North Uist, Inverness-shire	Lochmaddy 326	D. J. MacInnes Dr. A. J. MacLeod, M.O. Mrs. G. MacInnes	18					42				60		w, a
			TOTAL BED COMPLEMENT			21				42				63

10. South Uist Board of Management

Secretary: M. MACPHERSON, Lochboisdale, South Uist

This Board of Management was not set up until May, 1949, when it was too late for fuller details to be included in the Hospitals Year Book

NORTH EASTERN REGION

Area : The county of the city of Aberdeen ; the counties of Aberdeen, Banff, Kincardine, Moray, Orkney and Zetland, including all the burghs therein.

Population : 505,745.

Regional Hospital Board

Address : 1, Albyn Place, Aberdeen

Telephone : Aberdeen 8845/8

Chairman of Board : Mrs. M. D. Baird (b)

Other Members : (a) A. G. Anderson, Bailie W. J. L. Dean, D. G. Gordon, J. Hay, Miss Bell Jobson, Bailie Harold J. Milne, M.C., R. Ollason ; (b) Prof. D. Campbell, M.C., Prof. J. Cruickshank, C.B.E., Rev. G. A. M. Dickson, A. Fraser, Miss F. F. Kaye, Prof. William M. Millar ; (c) Prof. W. C. Wilson, Captain J. S. Allan, D.L., James M. Burnett, J. R. Campbell, A. Lyon, D.S.O., T.D., D.L., I. H. McClure, O.B.E., Mrs. H. M. Taylor.

N.B.—Members under (a) are appointed to serve until March 31st, 1950 ; those under (b) until March 31st, 1951 ; those under (c) until March 31st, 1952.

Secretary :

J. A. McCONACHIE, F.H.A.

Assistant Secretary :

A. R. BATCHELOR, A.H.A., A.C.C.S.

Treasurer :

T. H. THOMSON, C.A.

Assistant Treasurer :

J. MCGREGOR, A.C.C.A.

Regional Architect :*

C. C. WRIGHT, Registered Architect

Legal Adviser :

Not yet appointed

Senior Admin. Medical Officer :

J. C. KNOX, C.B.E., B.Sc., M.B., CH.B., D.P.H.

Psychiatrist :

MOORE TAYLOR, O.B.E., M.B., CH.B., M.D., D.P.H.
(Medical Officer of Mental Health)

Assistant Senior Medical Officer :

E. J. MICHIE, M.B., CH.B., D.P.H.

*The Chief Architect is R. FORBES HUTCHISON, A.R.I.B.A., the Chief Architect for all the Scottish Regions except the Western.

NORTH EASTERN REGION—BOARDS OF MANAGEMENT COMMITTEES AND HOSPITALS

1. Aberdeen General Hospitals Board of Management

Secretary and Treasurer: W. CAIE,
62, Queen's Road, Aberdeen
Tel.: Aberdeen 8850

Supplies Officer: Captain R. S. NICHOL,
Aberdeen Royal Inf.

Chairman: J. C. DUFFUS, O.B.E., M.C.,
7, Golden Square, Aberdeen

Medical Superintendent: A. M. MICHIE, O.B.E., M.B.,
D.P.H., Aberdeen Royal Inf.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Aberdeen Royal Inf., Forester Hill, Aberdeen	Aberdeen 6060	W. Caie Dr. A. M. Michie (Med. Supt.) Miss F. E. Kaye	504									504		a, l, s, t, u, v
Aberdeen Royal Inf., Woolmanhill, Aberdeen (outpatient department)	Aberdeen 3695	W. Caie Dr. A. M. Michie (Med. Supt.) Miss. F. E. Kaye												l, t, u, v
Woodend Hpl., Aberdeen	Aberdeen 4045	W. Caie Dr. A. M. Michie (Med. Supt.) Miss A. M. Gordon	247				110					357		a, d, l, n, t
Aberdeen Eye Institute, 142, King Street, Aberdeen	Aberdeen 2333	W. Caie Dr. A. M. Michie (Med. Supt.) Miss M. B. Jamieson												u
Morningfield Hpl., 59, King's Gate, Aberdeen	Aberdeen 33209	W. Caie Dr. A. M. Michie (Med. Supt.) Miss H. Dey			105							105		n
Convalescent Hpl., Hillhead of Pittodols, Aberdeen	Cults 35	W. Caie Dr. A. M. Michie (Med. Supt.) Miss F. E. Kaye								29*		29		*Convalescent
Watson-Fraser Nursing Home, 5, Albyn Place, Aberdeen	Aberdeen 5915	W. Caie Dr. A. M. Michie (Med. Supt.) Miss F. E. Kaye	28									28		u
TOTAL BED COMPLEMENT			779		105		110				29	1023	28	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for Board
Oldmill Hpl., Aberdeen	Aberdeen 4170	Corporation of the City of Aberdeen	144

2. Aberdeen Special Hospitals Board of Management

Secretary and Treasury: GEORGE LAING, B.L.,
1, Albyn Place, Aberdeen
Tel.: Aberdeen 8845

Chairman: R. ESSELMONT,
26, Rubislaw Den North, Aberdeen

Medical Superintendent: JOHN MORRISON, O.B.E., M.C., M.A.,
M.D., D.P.H.,
1, Albyn Place, Aberdeen

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	Notes
Aberdeen Maternity Hpl., Forester Hill, Aberdeen	Aberdeen 7417	Dr. John Morrison (Med. Supt.) Miss J. West		47								47		n, o, p, t, u
Ante-natal Hpl., Forester Hill, Aberdeen	Aberdeen 7417	Dr. John Morrison (Med. Supt.) Miss J. West		29								29		n, t, u
Fonthill Maternity Hpl., 62, Fonthill Road, Aberdeen	Aberdeen 6020	Dr. John Morrison (Med. Supt.) Miss J. West		20								20		t, u
Queen's Cross Maternity Home, 70, Garden Place, Aberdeen	Aberdeen 4002	Dr. John Morrison (Med. Supt.) Miss J. West		15								15		t, u
Summerfield Maternity Hpl., Summerfield, Aberdeen	Aberdeen 1813	Dr. John Morrison (Med. Supt.) Miss J. West		18								18		t, u
Royal Aberdeen Hpl. for Sick Children, Westburn Drive, Aberdeen	Aberdeen 8690	Dr. John Morrison (Med. Supt.) Miss J. M. Rockingham	150									150		n, l, t, v
Aberdeen City Hpl., Urquhart Road, Aberdeen	Aberdeen 2242	Dr. John Morrison (Med. Supt.) Miss V. Maltman				156 34	110					266 34		jm, l, n, u
Newhills Sanatorium & Convalescent Home, Bucksburn, Aberdeenshire	Bucksburn 30	Dr. John Morrison (Med. Supt.) Miss J. B. Findlay					30			30*		60		n. *Convalescent
TOTAL BED COMPLEMENT			150	129		156 34	140			30		605 34		

3. Aberdeen Mental Hospitals Board of Management

Secretary and Treasurer: ALLAN G. HAMILTON,
62, Queens Road, Aberdeen
Tel.: Aberdeen 8850/1

Chairman: A. H. KEMP,
28, Salisbury Terrace, Aberdeen

Royal Mental Hpl., Cornhill Road, Aberdeen	Aberdeen 183	Admin. Officer: (vacant) Dr. A. M. Wyllie (Med. Supt.) Miss M. Nicolson	998									998	168	f, l, n, w
The House of Daviot, Pitcaple, Aberdeenshire	Wartle 210	James Robb Dr. A. M. Wyllie (Med. Supt.) Miss A. Groat						44			100	144	22	l, n

3. Aberdeen Mental Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Total	P.P.	Total
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total			
Wellwood Nursing Home, Cults, Aberdeenshire	Cults 31	Allan G. Hamilton Dr. A. M. Wyllie (Med. Supt.) Miss M. S. Bettram						22				22	n		
Kingseat Mental Hpl., Newmachar, Aberdeenshire	Newmachar 253	John A. Tait, A.H.A. Dr. Adam Milne (Interim Med. Supt.) Miss M. R. Mitchell						450 274				450 274	f, l, n, w		
Woodlands Home, Cults, Aberdeenshire	Cults 577	Allan G. Hamilton Dr. Moore Taylor (Med. Supt.) Miss J. L. Abernethy						+ 46				+ 46	x		
		TOTAL BED COMPLEMENT						1496 342			100	1596 342		190	

4. East Aberdeenshire Hospitals Board of Management

Chairman: Dr. G. C. TAYLOR,
59, Queen Street, Peterhead, Aberdeenshire

Secretary and Treasurer: J. W. DIACK,
75, Broad Street, Peterhead, Aberdeenshire
Tel.: Peterhead 47

Peterhead Cottage Hpl., Links Terrace, Peterhead, Aberdeenshire	Peterhead 316	Miss H. Clark (Matron)	29										29		
Peterhead Infectious Diseases Hpl., Ugie Road, Peterhead, Aberdeenshire	Peterhead 11	Miss M. M. Low (Matron)				10 32						10 32			
Ellon Maternity Hpl., Ellon, Aberdeenshire	Ellon 315	Miss E. D. Davidson (Matron)		12									12		
Maud Home, Maud, Aberdeenshire	Maud 236	Angus Buchanan Mrs. A. Buchanan			35			5	40	20*			100		*Part III accommo- dation
		TOTAL BED COMPLEMENT	29	12	35	10 32		5	40	20		151 32			

5. North Aberdeenshire Hospitals Board of Management

Secretary, Treasurer and Supplies Officer:
JAS. M. BOYLE, M.A., LL.B.,
Burgh Chambers, Fraserburgh, Aberdeenshire
Tel.: Fraserburgh 357

Chairman: H. J. MILNE, M.C.,
Belmont, Strichen Road, Fraserburgh, Aberdeenshire

Medical Superintendent and Engineer: (vacant)

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Fraserburgh Maternity Hpl., West Road, Fraserburgh, Aberdeenshire	Fraserburgh 125	Jas. M. Boyle Med. Supt.: (vacant) Miss M. Cumming		21									21		n
Thomas Walker Hpl., Charlotte Street, Fraserburgh, Aberdeenshire	Fraserburgh 5	Jas. M. Boyle Med. Supt.: (vacant) Miss E. McHardy	30										30		n, u, v
Strichen T. B. Hpl., Strichen, Aberdeenshire	Strichen 212	Jas. M. Boyle Med. Supt.: (vacant) Miss M. Brown					32						32		m, n, u
TOTAL BED COMPLEMENT			30	21			32						83		

6. Central Aberdeenshire Hospitals Board of Management

Secretary and Treasurer: W. C. WARRACK,
Inverurie Infectious Diseases Hpl.

Chairman: Rev. P. C. McQUOID,
St. Ninian's Manse, Turriff

Engineer: JOHN GLASCODINE,
The Lodge, Inverurie Infectious Diseases Hpl.

Fyvie Cottage Hpl., Fyvie, Aberdeenshire	Fyvie 219	Matron: (vacant)	3	4								7		u
Inverurie Infectious Diseases Hpl., Inverurie, Aberdeenshire	Inverurie 154	Miss M. A. T. Allan (Matron)				36	44					80		j
Turriff Cottage Hpl., Turriff, Aberdeenshire	Turriff 93	Mrs. M. Marsh (Matron)	3	11								14		
TOTAL BED COMPLEMENT			6	15		36	44					101		

7. West Aberdeenshire Hospitals Board of Management

Secretary and Treasurer: GEORGE F. DICKSON,
1, Old Road, Huntly, Aberdeenshire
Tel.: Huntly 21

Chairman: J. W. CRUIKSHANK,
Logie Newton, Rothie Norman, Aberdeenshire

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Insch & District War Memorial Hpl., Rannes Street, Insch, Aberdeenshire	Insch 13	Miss Mary I. Cruikshank	14	4								18		
		George F. Dickson Miss Emily I. Gordon	43								2	53		"
Jubilee Hpl., Blechnfield Street, Huntly, Aberdeenshire	Huntly 4	Miss Charlotte Munro	2	4								6		
Nicoll Hpl., Rhynie, Aberdeenshire	Rhynie 54													
TOTAL BED COMPLEMENT			59	16							2	77		

8. Kincardine Hospitals Board of Management

Secretary (Interim): JOHN SLEVIN,
33, Evan Street, Stonehaven, Kincardine

Chairman: W. HUNTER,
Kingslea, Stonehaven, Kincardine

Kincardine O'Neil War Memorial Hpl., Torphins, Aberdeen	Torphins 302	Dr. David R. M. Morrison (Med. Supt.) Miss M. E. Thorburn	11									11		1
Aboyne Infectious Diseases Hpl., Aboyne, Aberdeen	Aboyne 33	Dr. Wm. B. B. Brown (Med. Supt.) Miss A. D. Reid				36						36		
Stonehaven Isolation Hpl., Stonehaven, Kincardine	Stonehaven 20	Dr. Alexander Henderson (Med. Supt.) Mrs. Jane F. MacDonald				18	14					32		
James Mowat Nursing Home, Stonehaven, Kincardine	Stonehaven 18	Dr. I. Murray Scott (Med. Supt.) Miss M. A. Yarrow	3	6	6							15	12	"
Woodcot Hpl., Stonehaven, Kincardine	Stonehaven 37	Robert Hutchison Dr. I. Murray Scott (Med. Supt.) Mrs. Elizabeth Hutchison			48			42				90		"
TOTAL BED COMPLEMENT			3	17	54	54	14	42				184		13

ii. Moray Hospitals Board of Management

Secretary and Treasurer: W. R. Dick,
Hamilton Drive, Elgin
Tel.: Elgin 7334

Chairman: F. O. STUART, C.B.E., D.L.,
Firthside, Lossiemouth

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Dr. Gray's Hpl., Pluscarden Road, Elgin, Moray	Elgin 7537	W. R. Dick Miss M. Clinie, R.G.N., R.F.N., C.M.B.	60									60	6	a, u
	Elgin 7094	W. R. Dick Miss C. E. Macpherson, R.G.N., C.M.B.		10								10	6	
Winchester Home, King Street, Elgin, Moray	Elgin 2472	W. R. Dick I. C. Monro, M.B., CH.B., D.P.H. (Med. Supt.) Miss I. Milne, R.G.N., R.F.N., S.C.M.				24 24	12					36 24		j, u
	Elgin 2535	W. R. Dick Miss M. Macdonald						183	20			203	7	f, m (male nurses only), n, u, w
Leancoil Hpl., Forres, Moray	Forres 9	W. R. Dick J. C. Adam, M.B., CH.B. (Med. Supt.) Miss M. Ross, R.G.N., R.F.N., C.M.B.	32	13								45		
	Grantown 28	W. R. Dick Miss J. M. Laing, S.R.N., S.C.M.	14	6								20	3	u
Ian Charles Hpl., Grantown-on-Spey, Moray	Forres 2	W. R. Dick J. C. Adam, M.B., CH.B. (Med. Supt.) Miss M. J. O'Hagan, R.G.N.	66 18		2						18	68 36		n
	TOTAL BED COMPLEMENT		172 18	29	2	24 24	12	183	20			442 60	22	18

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for Board
Craigmoray Institution, Elgin, Moray	Elgin 2544	Joint County Council of Moray and Nairn	27

12. Orkney Hospitals Board of Management

Secretary and Treasurer: JAMES FLETT,
Commercial Bank Buildings, Kirkwall, Orkney
Tel.: Kirkwall 36

Chairman: P. N. S. GRAEME, C.B.E.,
Grimshill, Orkney

Medical Superintendent: I. H. McCLURE, M.B., CH.B.,
F.R.C.S.F.,
Balfour Hpl.

Hospital	Telephone	Senior Officers	Bed Complement									
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total
Balfour Hpl., New Scapa Road, Kirkwall, Orkney	Kirkwall 30	James Flett I. H. McClure, M.B., CH.B., F.R.C.S.E. (Med. Supt.) Miss M. Brydie	30	6								36
Eastbank Sanatorium & Infectious Diseases Hpl., East Road, Kirkwall, Orkney	Kirkwall 77	James Flett W. B. Baunerman, M.B., CH.B. Miss H. Tantum				24	16					40
TOTAL BED COMPLEMENT			30	6		24	16					76

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for Board
Orkney County Home, 11, Old Scapa Road, Kirkwall, Orkney	Kirkwall 56	Orkney County Council	16

13. Shetland Hospitals Board of Management

Secretary, Treasurer and Supplies Officer:
PETER SUTHERLAND,
29/32, Fish Mart, Lerwick, Shetland
Tel.: Lerwick 479

Chairman: R. OLLASON,
1, Gladstone Terrace, Lerwick, Shetland

Medical Superintendent:
S. A. B. BLACK, M.D., D.P.H., D.T.M. & H.,
Brentham Place, Lerwick, Shetland
Tel.: Lerwick 223

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Gilbert Bain Memorial Hpl., Lerwick, Shetland	Lerwick 75	S. A. B. Black, M.D., D.P.H., D.T.M. & H. (Med. Supt.) Miss N. Hay (Acting Matron)								33		33		
Gilbert Bain Memorial Hpl., Maternity Annexe, Lerwick, Shetland	Lerwick 130	S. A. B. Black, M.D., D.P.H., D.T.M. & H. (Med. Supt.) Miss N. Hay (Acting Matron)		6								6		
Zetland County Isolation Hpl., Lerwick, Shetland	Lerwick 62	S. A. B. Black, M.D., D.P.H., D.T.M. & H. (Med. Supt.) Miss M. Williamson				30						30		
Zetland County Sanatorium, Burgh Road, Lerwick, Shetland	Lerwick 124	S. A. B. Black, M.D., D.P.H., D.T.M. & H. (Med. Supt.) Miss M. C. Johnston								24		24		
Zetland County Homes, Scalloway Road, Lerwick, Shetland	Lerwick 8	C. Garden S. A. B. Black, M.D., D.P.H., D.T.M. & H. (Med. Supt.) Mrs. G. Garden			48							48		
TOTAL BED COMPLEMENT				6	48	30				57		141		

EASTERN REGION

Area : The county of the city of Dundee ; the counties of Angus, Kinross and Perth, including all the burghs therein.

Population : 419,171.

Regional Hospital Board

Address : “ Braeknowe,” 430, Blackness Road, Dundee

Telephone : Dundee 68296

Chairman of Board : Treasurer William Hughes, O.B.E. (b)

Other Members : (a) A. A. Bell, J. R. Christie, Dr. W. L. Burgess, C.B.E., Miss A. S. Graham, J. Lawson, Mrs. A. L. Matthew, J. D. Saggart ; (b) Provost W. Coull, D. F. Craig, J.P., Miss M. Fairlie, Prof. A. Patrick, L. F. Robertson, M.B.E., Rev. A. Wylie Smith ; (c) Mrs. A. F. Allan, J.P., T. M. Ferguson, O.B.E., J.P., Prof. A. D. Hitchin, W. O'Neill, J.P., J. E. Prain, G. Rankine, W. J. Ross.

N.B.—Members under (a) are appointed to serve until March 31st, 1950 ; those under (b) until March 31st, 1951 ; those under (c) until March 31st, 1952.

Secretary :
R. MOORE, B.L.

Senior Admin. Medical Officer :
F. F. MAIN, M.B., CH.B., D.P.H.

Assistant Secretary :
J. K. JOHNSTON, B.L., A.H.A.

Assistant Senior Medical Officer :
G. C. TAYLOR, M.B., CH.B.

Treasurer :
W. E. McCracken, A.L.A.A.

Assistant Treasurer :
G. A. V. ENGLAND, A.I.M.T.A.

Regional Architect :*
J. DEUCHARS, A.R.I.B.A.

*The Chief Architect is R. FORBES HUTCHISON, A.R.I.B.A., Chief Architect for all the Scottish Regions except the Western.

1. Dundee Mental Hospitals Board of Management

Secretary: ROBERT MOORE, B.L.,
"Braeknowe," 430, Blackness Road, Dundee, Angus
Tel.: Dundee 68296/7

Chairman: Provost J. W. KEITH, J.P.,
Taymouth Lodge, Carnoustie, Angus

Treasurer: W. E. McCRACKEN,
"Braeknowe," 430, Blackness Road, Dundee, Angus

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Dundee District Mental Hpl., Westgreen, by Dundee, Angus	Muirhead 282	William D. Fleming, A.H.A. A. A. Bell, M.B., CH.B., F.R.F.P. & S.G., D.P.M. (Med. Supt.) Miss A. Donald, R.M.N., R.C.N., S.C.M.						789				789		f, l, m, n, u, w
Dundee Royal Mental Hpl., Gowrie House, Liff, by Dundee, Angus	Muirhead 220	A. A. Bell, M.B., CH.B., F.R.F.P. & S.G., D.P.M. (Med. Supt.)						70				70		l, n, w
Baldovan Institution, by Dundee, Angus	Dundee 86000	J. S. Brown Robert Gibson, M.D., D.P.M. (Med. Supt.) Miss M. E. Stewart, R.M.N., R.G.N.							350			350		g, l, n, x
TOTAL BED COMPLEMENT								789 70	350			1139 70		

2. Dundee General Hospitals Board of Management

Secretary and Treasurer: WM. J. WALKER, C.A.,
Royal Inf.

Chairman: JOHN THOMSON,
67, Clepington Road, Dundee, Angus

Medical Superintendent: Dr. H. J. C. GIBSON,
Royal Inf.

King's Cross Hpl., Clepington Road, Dundee, Angus	Dundee 85241	Wm. J. Walker, C.A.	250									250		j
King's Cross Hpl. West, Clepington Road, Dundee, Angus		Dr. W. M. Jameson (Med. Supt.) Miss Bruce										80		
Maryfield Hpl. (2), Mains Loan, Dundee, Angus	Dundee 81281	Wm. J. Walker, C.A. W. A. Davidson, M.D., D.P.H. (Med. Supt.) Miss J. M. Brannan	245	52	43			20				360		a, l, v
Ashludie Sanatorium, Monifieth, Angus	Monifieth 56	W. J. Walker, C.A. D. H. Smith (Med. Supt.) Miss S. Ironside				180						180		c, n

2. Dundee General Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Dundee Infant Hpl. (2), The Lodge, Broughty Ferry, Dundee, Angus	Dundee 7321	W. J. Walker, C.A. W. A. Davidson, M.D., D.P.H. (Med. Supt.) Mrs. A. Fairweather	35										35		
Gerard Cottage Hpl. (2), Panmure Street, Monifieth, Angus	Monifieth 4	W. J. Walker, C.A. W. A. Davidson, M.D., D.P.H. (Med. Supt.)			7								7		
Dundee Royal Inf. (1), Barrack Road, Dundee, Angus	Dundee 3125	Wm. J. Walker, C.A. H. J. C. Gibson, M.A., M.D. (Med. Supt.) Miss A. O. Dey	466	44									510		a, l, n, o, p, u, v
Dundee Convalescent Home (1), Barn Hill, Dundee, Angus	Broughty Ferry 7016	Wm. J. Walker, C.A. H. J. C. Gibson, M.A., M.D. (Med. Supt.)								35*			35		*Convalescent
Sidlaw Sanatorium (1), Auchter House, by Dundee, Angus	Dundee 85007	Wm. J. Walker, C.A. H. J. C. Gibson, M.A., M.D. (Med. Supt.)					80						80		
Dundee Women's Hpl. (1), Elliot Road, Dundee, Angus	Dundee 68244	Wm. J. Walker, C.A. H. J. C. Gibson, M.A., M.D. (Med. Supt.) Miss Clark	17									4	21	4	n
Dundee Eye Institute (1), 138, Nethergate, Dundee, Angus	Dundee 3639	Wm. J. Walker, C.A. H. J. C. Gibson, M.A., M.D. (Med. Supt.)													
Dundee Orthopaedic and Rheumatic Clinic (2), 3, Kenback Street, Dundee, Angus	Dundee 81135	Wm. J. Walker, C.A. W. A. Davidson, M.D., D.P.H. (Med. Supt.) Miss Agnes Stewart, C.S.P.													
Armitstead Convalescent Home (2), Broughty Ferry, Dundee, Angus	Broughty Ferry 7642	Wm. J. Walker, C.A. W. A. Davidson, M.D., D.P.H. (Med. Supt.) Miss Margaret B. L. Cockburn										40*	40		
Public Health Institute (1), Constitution Road, Dundee, Angus	Dundee 3491	Wm. J. Walker, C.A. H. J. C. Gibson, M.A., M.D. (Med. Supt.)													
TOTAL BED COMPLEMENT			763	96	50	330	180 80	20		40 35	4	1483 115			

2. Dundee General Hospitals Board of Management—Cont.

SUB-GROUPING				
(1) Forming part of a Sub-Group	...	...	...	Senior Administrative Officer:—W. G. WALKER, C.A., Royal Inf.
(2) Forming part of a Sub-Group	...	...	...	Senior Administrative Officer:—W. G. WALKER, C.A., Royal Inf.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

Name and Address of Institution		Telephone	Name of Authority owning Institution	Number of beds provided for Board
East House, Maryfield, Dundee		Dundee 81281	Dundee Corporation	Not fixed

3. Dundee Dental Hospital Board of Management

Secretary and Treasurer: S. G. Y. POOL, C.A.,
136, Nethergate, Dundee, Angus
Tel.: Dundee 6156/7

Chairman: J. R. CRYSTAL,
The Barns of Claverhouse, by Dundee, Angus

Medical Superintendent:
Professor A. D. HITCHIN, M.D.S., L.D.S.,
2, Park Place, Dundee, Angus
Tel.: Dundee 5782

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Dundee Dental Hpl., Park Place, Dundee, Angus	Dundee 5782	S. G. Y. Pool, C.A. Professor A. D. Hitchin, M.D.S., L.D.S. (Med. Supt.)						Nil						"

4. Perthshire Mental Hospitals Board of Management

Secretary and Treasurer: D. W. STRUDLEY, F.S.C.,
Murray Royal, Perth
Tel.: Perth 1957

Chairman: The Rt. Hon. THE EARL OF MANSFIELD, B.A.,
D.L., J.P.,
Logie House, Methven, Perthshire

Perth & District Mental Hpl., Murthly, Perthshire	Murthly 210	J. M. Dairloch J. McDougall, M.B., CH.B., F.R.C.P.E. (Med. Supt.) Miss F. Wilson						450				450		f, l, n, v, w
James Murray's Royal Mental Hpl., Perth	Perth 2382/3	Miss E. B. Coupar W. D. Chambers, M.D., F.R.C.P.E. (Med. Supt.) Miss V. Y. Lambie						155			75 24	230 24		f, n, u, v, w
TOTAL BED COMPLEMENT								605			75 24	680 24		

5. Perthshire General Hospitals Board of Management

Secretary and Treasurer: W. A. STEVENS, F.H.A., A.C.I.S.,
Perth Royal Inf.

Chairman: The Lord Provost J. M. PRIMROSE, D.L., J.P.,
City Chambers, Perth
Medical Superintendent: Col. W. MACKIE, M.B., CH.B.,
D.P.H., D.T.M. & H., Perth Royal Inf.

Engineer: (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Perth City Hpl., Friarton, Perth	Perth 285	Miss A. Brown (Matron)				24	24 12					48 12		j, l, n
Perth County Fever Hpl., Burghmuir, Perth	Perth 264	Matron: (vacant)				90						90		j, n
Strathmore Hpl., Blairgowrie, Perthshire	Blairgowrie 48	Miss M. Laing (Matron)			12 16							12 16		n
Perth Royal Inf., Taymount Terrace, Perth	Perth 2317	W. A. Stevens, F.H.A., A.C.I.S. W. Mackie, M.B., CH.B., D.P.H. (Med. Miss M. C. Cameron, D.N. [Supt.)	217	30						14*		261	28	a, l, n, o, p, t, u, v *Convalescent
St. Margaret's Hpl., Auchterarder, Perthshire	Auchterarder 99	Miss C. Glass (Matron)	16									16	2	n
Crieff & District Cottage Hpl., Pittenzie Street, Crieff, Perthshire	Crieff 173	Miss S. Fraser (Matron)	20									20	3	n
Aberfeldy Cottage Hpl., Aberfeldy, Perthshire	Aberfeldy 14	Miss J. C. Cameron (Matron)	17									17	4	n
Irvine Memorial Home, Pitlochry, Perthshire	Pitlochry 52	Miss M. Howie (Matron)	14 2									14 2	2	n
Hillside Homes, Barnhill, Perth	Perth 95	Miss C. E. Watson (Matron)			70 10							70 10		n
Hilts de Sanatorium, Barnhill, Perth	Perth 219	Miss Watson (Matron)					20					20		n
Blairgowrie and Rattray Cottage Hpl., Blairgowrie, Perthshire	Blairgowrie 47	Miss I. M. Scott (Matron)	25									25	10	n
Viewpark Nursing Home, Alyth, Perthshire	Alyth 41	Miss J. M. Anderson (Matron)		9								9	4	n
Meikle Cottage Hpl., Meikle, Perthshire	Meikle 211	Miss I. B. Steven (Matron)	12									12	2	n
Meikleour Maternity Home, Meikleour, Perthshire	Meikleour 203	Miss M. W. Dempster (Matron)	20 6									20 6		n
TOTAL BED COMPLEMENT			341 8	39	82 26	24 90	44 12	-		14		544 136		

6. Bridge of Earn and Kinross Hospitals Board of Management

Secretary and Treasurer: N. McInnes, F.H.A.,
Bridge of Earn Hpl.

Steward: I. S. Ross, A.H.A.,
Doon Lodge, 23 Oakbank Crescent, Perth
Tel.: Perth 1956

Chairman: Dr. D. J. MacLeish,
Hillway, 20, Murray Place, Perth

Medical Superintendent: P. J. Macleod, O.B.E., M.B., CH.B.,
Bridge of Earn Hpl.

Engineer: J. Duncan,
Bridge of Earn Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Bridge of Earn Hpl., Bridge of Earn, Perthshire		N. McInnes, F.H.A. P. J. Macleod, O.B.E., M.B., CH.B. (Med. Supt.) Miss M. B. Baikie	390				60			160*		610		a, d, l, n *Rehabilitation
		B. W. Anderson, M.D., M.B., CH.B., D.P.H., M.A. (Med. Supt.) Miss M. Bissett					140					140		n, u
Glenlomond Sanatorium, By Kinross		D. Macdonald, M.B., CH.B. (Med. Supt.) Miss O. Smee					110					110		n, u
							310			160		860		
Ochil Hills Sanatorium, Milnathort, Kinross-shire			390											
TOTAL BED COMPLEMENT			390											

7. Montrose Royal Mental Hospitals Board of Management

Secretary and Treasurer: D. McInnes,
Montrose Royal Mental Hpl.,

Engineer: D. Morrison,
Royal Mental Hpl.

Chairman: W. A. Donald,
Raw of Balmain, Fettercairn, by Laurencekirk

Medical Superintendent: J. C. Anderson, M.B., CH.B., B.Sc.,
DIP. PHYS., Montrose Royal Mental Hpl.

Montrose Royal Mental Hpl., Sunnyside, Montrose, Angus	Hillside 217/8	D. McInnes J. C. Anderson (Med. Supt.) Miss A. S. Graham						866			78	944		f, l, m, n, u, v, w
TOTAL BED COMPLEMENT								866			78	944		

8. Angus Hospitals Board of Management

Secretary and Treasurer: J. MURRAY, A.H.A.,
Arbroath Inf.

Chairman: A. D. FAIRWEATHER,
Craigard, Arbroath, Angus

Medical Superintendent: Sir R. HAY, M.B., CH.B., D.P.H.,
D.T.M. & H.,
Arbroath Inf.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Fyfe-Jamieson Maternity Hpl., Forfar, Angus	Forfar 511	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Miss E. Morrison		23								23		
	Forfar 22	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Miss M. N. Knox			61							61		
Noranside Sanatorium, Fern, By Forfar, Angus	Fern 33	J. Murray, A.H.A. Dr. G. Leslie Birnie (Med. Supt.) Miss H. R. Logie				106						106		
Little Cairnie Hpl., Arbroath, Angus	Arbroath 2357	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Miss E. S. Forsyth			10	58	12					80		
Forfar Inf., Arbroath Road, Forfar, Angus	Forfar 68	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Miss M. M. Fisher	46 70							2		48 70		
Arbroath Inf., Rose Mount Road, Arbroath, Angus	Arbroath 3119	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Miss J. C. Lyon	83	18						4		105	6	a, l, n, v
Jennyswells Convalescent Home, By Arbroath, Angus	Gowanbank 202	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Miss J. C. Lyon							12*			12		*Convalescent
Montrose Royal Inf., Bridge Street, Montrose, Angus	Montrose 31	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Mrs. M. Dicks	54							1		55	2	c, l
Edzell Convalescent Home, Edzell, Angus	Edzell 36	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Mrs. M. Dicks							10*			10		

8. Angus Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Charleton Maternity Home, Montrose, Angus	Hillside 266	J. Murray, A.H.A. Sir R. Hay, M.B., CH.B., D.P.H., D.T.M. & H. (Med. Supt.) Miss C. R. Herd		16							3	19		
		TOTAL BED COMPLEMENT	183	57	10	119	118			22	10	519	6	
			70									70		

9. Stracathro and Brechin Hospitals Board of Management

Secretary and Treasurer: Miss M. W. KENNEDY,
Stracathro Hpl.

Supplies Officer and Engineer: (n.y.a.)

Stracathro Hpl., Brechin, Angus	Edzell 120	Miss M. W. Kennedy Major J. R. S. Mackay (Med. Supt.) Miss M. Macnaughton	500 300									500 300		a, d, l, m, n
Brechin County Hpl., Brechin, Angus	Brechin 17	Miss M. W. Kennedy Major J. R. S. Mackay (Med. Supt.) Mrs. J. R. Rae		28								28		
Brechin Inf., Infirmary Street, Brechin, Angus	Brechin 91	Miss M. W. Kennedy Major J. R. S. Mackay (Med. Supt.) Miss J. H. C. Mackenzie	41									41	5	n
		TOTAL BED COMPLEMENT	541 300	28								569 300	5	

Chairman: C. G. MACKIE,
Gallery House, by Montrose, Angus
Medical Superintendent: Major J. R. S. MACKAY,
Stracathro Hpl.

SOUTH EASTERN REGION

Area : The county of the city of Edinburgh ; the counties of Berwick, East Lothian, Fife, Midlothian, Peebles, Roxburgh, Selkirk and West Lothian, including all the burghs therein.

Population : 1,135,380.

Regional Hospital Board

Address : 11, Drumsheugh Gardens, Edinburgh, 3

Telephone : Edinburgh 25294

Chairman of Board : J. R. C. Greenlees, D.S.O. (b)

Other Members : (a) J. Black, J.P., Miss J. J. Ferguson, Prof. Sir David K. Henderson, B. McKay, Mrs. I. McNeill, Prof. W. O. Oliver, A. Simpson, Miss E. Stirling, Sir Henry Wade, C.M.G., D.S.O. ; (b) J. Allan, Bailie J. G. Banks, J.P., R. W. Craig, O.B.E., Lady Fraser, R. K. Henderson, Prof. T. J. Mackie, C.B.E., Miss M. C. Marshall, O.B.E., D. Martin ; (c) O. A. Cunningham, T.D., Prof. D. M. Dunlop, W. P. Earsman, J.P., I. Simson Hall, W. F. T. Haultain, O.B.E., M.C., Sir Humphrey B. Lindsay, D.S.O., J. McKelvie, J.P., J. Sneddon, Major E. G. Thomson, M.C.

N.B.—Members under (a) are appointed to serve until March 31st, 1950 ; those under (b) until March 31st, 1951 ; those under (c) until March 31st, 1952.

Secretary :

EWEN CAMPBELL, C.M.G., M.B.E., M.C.

Assistant Secretary :

R. M. LAWSON, T.D., A.H.A.

Treasurer :

A. PRINGLE, A.S.A.A.

Assistant Treasurer :

J. CLARK, C.A.

Legal Adviser :

Not yet appointed

Regional Architect :*

A. McROBIE, A.R.I.B.A.

Senior Admin. Medical Officer :

H. A. RAEBURN, M.D., F.R.C.P., D.P.H.

Assistant Senior Medical Officer :

C. BAINBRIDGE, O.B.E., M.B., B.S., B.H.Y., D.P.H.

Medical Officer :

R. H. TAIT, M.B., CH.B., M.D., D.P.H.

*The Chief Architect is R. FORBES HUTCHISON, A.R.I.B.A., the Chief Architect for all the Scottish Regions except the eastern.

SOUTH EASTERN REGION—BOARDS OF MANAGEMENT AND HOSPITALS

1. Royal Infirmary of Edinburgh & Associated Hospitals Board of Management

Secretary and Treasurer: W. F. FERGUSON, J.P., F.H.A.,
Royal Inf.

Chairman: Professor R. W. JOHNSTONE, C.B.E., F.R.C.S.,
26, Palmerston Place, Edinburgh, 12

Medical Superintendent: Major-General E. A. SUTTON,
C.B., C.B.E.,
Royal Inf.

Master of Works: T. W. TURNBULL, F.I.A.A., M.I.(Struct.)E.,
Royal Inf.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
The Royal Inf., Lauriston Place, Edinburgh	Edinburgh 26031	W. F. Ferguson, J.P., F.H.A., Maj. Gen. E. A. Sutton, C.B., C.B.E., M.C. (Med. Supt.) Miss M. C. Marshall, O.B.E., A.R.R.C.	1,163									1,163		a, l, q, s, t, v
		W. F. Ferguson, J.P., F.H.A. Maj. Gen. E. A. Sutton, C.B., C.B.E., M.C. (Med. Supt.) Miss J. P. Ferlic, M.B.E.	140									140		m (labour wards only), o, p
The Edinburgh Dental Hpl. and School, Chambers Street, Edinburgh	Edinburgh 22711	J. L. Somerville, C.A. (interim) A. C. W. Hutchinson, D.D.S. (Med. Supt.)												"
Ear, Eye and Throat Inf., 6, Cambridge Street, Lothian Road, Edinburgh	Edinburgh 22667	John Watson, w.s. (interim) Maj. Gen. E. A. Sutton, C.B., C.B.E., M.C. (Med. Supt.) Miss Agnes Young	16									16		"
Beechmount Hpl., Murrayfield, Edinburgh, 12	Edinburgh 61849	W. F. Ferguson, J.P., F.H.A. Maj. Gen. E. A. Sutton, C.B., C.B.E., M.C. (Med. Supt.) Miss J. McIntosh								46*		46		*Convalescent
		W. F. Ferguson, J.P., F.H.A. Maj. Gen. E. A. Sutton, C.B., C.B.E., M.C. (Med. Supt.) Miss Margaret Kennedy								80*		80		"
Convalescent House, Murrayfield Road, Corstorphine, Edinburgh, 12	Edinburgh 66601		1,179	140						126		1,445		
TOTAL BED COMPLEMENT			1,179	140						126		1,445		

3. Edinburgh Central Hospitals Board of Management

Secretary and Treasurer: J. KINNAIRD, M.A., C.A., A.H.A.,
Royal Hpl. for Sick Children
Tel.: Edinburgh 45235

Chairman: Professor F. A. E. CREW, M.D., D.SC., F.H.D., F.R.S.,
F.R.C.P., ED.,
Usher Institute, Warrender Park Road, Edinburgh, 9

Medical Superintendent: E. J. BRUCE HARVEY, D.S.O.,
M.B., CH.B., D.I.H.,
Royal Hpl. for Sick Children

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Chalmers Hpl., Lauriston Place, Edinburgh	Edinburgh 21702	Miss M. A. Fitzpayne (Matron)	52									52		a
Hpl. for Diseases of Women, 2-6, Archibald Place, Edinburgh	Edinburgh 21715	Miss S. Harrison (Matron)	24 10									24 10	12	n
Royal Hpl. for Sick Children, 9, Sciennes Road, Edinburgh	Edinburgh 41064	Miss M. Bell (Matron)	170									170		h, l, r, i, u, v
Princess Margaret Rose Hpl., Frogston Road West, Fairmilehead, Edinburgh	Edinburgh 71207	Miss C. G. McGruther (Matron)									170*	170		c, i *Orthopædic
Muirfield Convalescent Home, Gullane, East Lothian	Gullane 2109	Miss M. Bell (Matron)									32†	32		† Convalescent
TOTAL BED COMPLEMENT			246 10								202	448 10	12	

4. Edinburgh Southern Hospitals Board of Management

Secretary and Treasurer: R. A. DICKSON, B.L., Solicitor,
21, Hill Street, Edinburgh, 2

Chairman: The Hon. Lord RUSSELL, M.A., LL.B.,
Barnton Lodge, Barnton, Midlothian

Deaconess Hpl., 148, Pleasance, Edinburgh	Edinburgh 43334	Miss E. MacGregor, M.B.E. (Lady Supt.)	92									92		a, n, u
Elsie Inglis Hpl., Spring Gardens, Abbey Hill, Edinburgh, 8	Edinburgh 76281	Lady Olive Watson, M.B., CH.B. (Med. Supt.) Miss J. H. Beckett		65								65		n, o, p, i, u, v
Bruntsfield Hpl., 1, Whitehouse Loan, Edinburgh	Edinburgh 54745	Lady Olive Watson, M.B., CH.B. (Med. Supt.) Miss S. H. Wilson	73									73		c, n, i, u, v
Longmore Hpl., Salisbury Place, Edinburgh	Edinburgh 41362	Miss H. M. O. Gunn (Matron)			150							150		c, n
Liberton Hpl., Lasswade Road, Liberton	Edinburgh 79069	Miss E. Maddick (Matron)			60							60		c
Gilmerton Convalescent Homes, New Street, Gilmerton	Edinburgh 79446									46*		46		*Convalescent
TOTAL BED COMPLEMENT			165	65	210					46		486		

5. Edinburgh Royal Victoria and Associated Hospitals Board of Management

Chairman: Lt.-Col. A. D. STEWART, C.I.E., LL.D.,
7, Elliot Place, Edinburgh, 10

Secretary and Treasurer: H. C. WILLMOTT, B.A.,
City Hpl.
Tel.: Edinburgh 51438

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men	M.D.	Other	Pri.	Total	P.P.	
City Hpl., Greenbank Drive, Edinburgh, 10	Edinburgh 51001	A. Joe, D.S.C., M.D., D.P.H., D.T.M. and H., F.R.C.P. (E.) (Med. Supt.) Miss I. Adams				254 341	184					438 341		jm, l, n
Southfield Sanatorium, Liberton, Edinburgh, 9	Edinburgh 79268	Prof. Cameron, M.A., M.D., M.R.C.P.E., F.R.F.P.S., D.P.H. (Med. Supt.) Matron: (vacant)					63					63		"
Royal Victoria Hpl., Comely Bank, Edinburgh	Edinburgh 22726	Prof. Cameron, M.A., M.D., M.R.C.P.E., F.R.F.P.S., D.P.H. (Med. Supt.) Miss A. Rodger					73 3					73 3		"
Loanhead Infectious Diseases Hpl. (1), Loanhead, Midlothian	Loanhead 53	J. Riddell, M.D., D.P.H. (Med. Supt.) Miss J. Jack, S.R.N.				17 8						17 8		"
Newtonloan Infectious Diseases Hpl. (1), Newtonloan, Gorebridge, Midlothian	Gorebridge 17	J. Riddell, M.D., D.P.H. (Med. Supt.) Miss I. Noble				16 4						16 4		"
Royal Victoria Dispensary for Diseases of the Chest (2), Spittal Street, Edinburgh	Edinburgh 20803	H. C. Elder, M.B., D.P.H., M.R.C.P.E. (Med. Supt.)												l
Mass Radiography Unit, Warriston Close, High Street, Edinburgh	Edinburgh 28173	H. C. Elder, M.B., D.P.H., M.R.C.P.E. (Med. Supt.)												"
Leith Dispensary for Diseases of the Chest (2), South Fort Street, Leith, Edinburgh	Edinburgh 35303	H. C. Elder, M.B., D.P.H., M.R.C.P.E. (Med. Supt.)												
TOTAL BED COMPLEMENT						287 353	320 3					607 356		

SUB-GROUPING

- (1) Forming part of Sub-Group ... J. Riddell, M.D., D.P.H. Senior Administrative Officer:—
(2) Forming part of Sub-Group ... H. C. Elder, M.B., D.P.H. Senior Administrative Officer:— M.R.C.P.E.

6. Edinburgh Convalescent Hospitals Board of Management

Secretary and Treasurer: D. S. MACDONALD, W.S.,
1, Hill Street, Edinburgh, 2
Tel.: Edinburgh 27121/2

Chairman: A. MILES, M.D., LL.D., F.R.C.S.,
6, Blackford Road, Edinburgh, 9

Medical Superintendent: Lt.-Col. JOHN FRASER,
Ainslie Hpl.

Hospital	Telephone	Senior Officers	Bed Complement													
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes		
Astley Ainslie Hpl., Grange Loan, Edinburgh, 10	Edinburgh 51091	D. S. Macdonald, w.s. Lt. Col. John Fraser (Med. Supt.) Miss C. Nairne (Lady Supt. of Nurses)														c. Training centre for occupational therapy students. *Convalescent.
TOTAL BED COMPLEMENT																

7. Royal Edinburgh Hospital for Mental and Nervous Disorders Board of Management

Secretary and Treasurer: J. RICHARDSON, W.S.,
28, Rutland Square, Edinburgh, 2
Tel.: Edinburgh 31806

Steward : Miss McDONALD,
West House, Morningside Place, Edinburgh, 10
Tel.: Edinburgh 54736

Chairman: J. T. LEGGAT, J.P.,
24, Napier Road, Edinburgh, 10

Medical Superintendent: Professor Sir DAVID K. HENDERSON,
Tipperlinn House, Morningside Place, Edinburgh
Tel.: Edinburgh 51391

Engineer: WM. ORR (Clerk of Works),
West House, Morningside Place, Edinburgh, 10

Royal Edinburgh Hpl. for Mental and Nervous Disorders, 28, Rutland Square, Edinburgh	Edinburgh 31806 (Office); 51401 (West House); 51437 (Craig House)	Prof. Sir D. K. Henderson (Med. Supt.) Miss J. McLeod (West House) Miss K. Bruce (Craig House)	724								330	1,054		f, n, u, w
Jordanburn Nerve Hpl., Morningside Terrace, Edinburgh	Edinburgh 51898	Prof. Sir D. K. Henderson (Med. Supt.) Miss M. McCook	50								16	50		n, u, v
Abbotsford Park Nursing Home, 10, Abbotsford Park, Edinburgh	Edinburgh 52674	Prof. Sir D. K. Henderson (Med. Supt.) Miss I. Penman												
Morningside Drive Nursing Home, 65, Morningside Drive, Edinburgh	Edinburgh 51420	Prof. Sir D. K. Henderson (Med. Supt.) Miss J. Duff									15	15		n
Marchhall Crescent Nursing Home, 3, Marchhall Crescent, Edinburgh	Edinburgh 41935	Prof. Sir D. K. Henderson (Med. Supt.) Miss E. D. Henderson									22	22		n

7. Royal Edinburgh Hospital for Mental and Nervous Disorders Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Vogrie House Nursing Home, Gorebridge, Midlothian	Ford 16	Prof. Sir D. K. Henderson (Med. Supt.)									21	21		n
		Miss A. McLeod												
		TOTAL BED COMPLEMENT						774			404	1,178		

8. West Fife Hospitals Board of Management

Secretary and Treasurer: W. M. Muir, A.H.A.,
Northern Hpl. (temp.)
Tel.: Dunfermline 1865

Chairman: Mrs. J. Johnston, J.P.,
39, Headwell Road, Dunfermline, Fife

Medical Superintendent:
G. A. H. Gumley, M.D., F.R.C.P., Ed., D.P.H.,
Northern Hpl.

Dunfermline and West Fife Hpl., Reid Street, Dunfermline, Fife	Dunfermline 44	Miss E. Simpson J. Murray Black, F.R.C.S., Ed. (Med. Supt.) Miss E. Gorrie	115									115		a, d, v
Maternity Hpl., St. Leonard's Hill, Dunfermline, Fife	Dunfermline 244	T. A. Gillie, M.R.C.O.G. (Med. Supt.) Miss A. T. Nicoll	52									52	2	n, o
Bandrum Children's Home, Saline, Fife	Saline 213	Miss M. D. McPherson (Matron)								32*		32		*Convalescent.
Northern Hpl., Leys Park Road, Dunfermline, Fife	Dunfermline 95	Miss J. Williamson G. A. H. Gumley, M.D., F.R.C.P., Ed., D.P.H. (Med. Supt.) Miss M. C. Calder	2	122								124		
West Fife Infectious Diseases Hpl., Rumblingwell, Dunfermline, Fife	Dunfermline 46	Miss A. Emslie (Matron)				116 24						116 24		j
		TOTAL BED COMPLEMENT	115	54	122	116 24				32		439 24		

9. East Fife Hospitals Board of Management

Secretary and Treasurer: F. B. SMITH, A.H.A.,
Victoria Infectious Diseases Hpl.
Tel.: Kirkcaldy 3483

Chairman: J. ISDALE GREIG, M.B.E., M.A., B.Sc., M.B., CH.B.
23, Townsend Place, Kirkcaldy, Fife

Medical Superintendent: (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Kirkcaldy General Hpl., Nether Street, Kirkcaldy, Fife	Kirkcaldy 3471	Miss O. Hardie, S.R.N., S.R.C.N., S.C.M. (Matron)	68	8								76		c, v
Cameron Infectious Diseases Hpl., Fife Cameron Bridge, Windygates, Fife	Buckhaven 2172	Miss J. Ross, S.R.N., C.M.B., D.N. Part A, London Univ. (Matron)				150 50						150 50		jt, l, n
Victoria Infectious Diseases Hpl., Fife Dunnikier Road, Kirkcaldy, Fife	Kirkcaldy 2148	Miss W. Archibald, S.R.N., S.C.M. (Matron)				22 30	40					62 30		jm
Forth Park Maternity Hpl., Bennoch Road, Kirkcaldy, Fife	Kirkcaldy 2922	Miss M. W. Risk, S.R.N., S.C.M. (Matron)		30								30		o, p
Craigtoun Hpl., St. Andrews, Fife	St. Andrews 928	Miss J. C. Allan, S.R.N., S.C.M. (Matron)		38								38		
Netherlea Hpl., Newport, Fife	Newport 3233	Miss I. H. Hendry, R.S.C.N., R.G.N., S.C.M. (Matron)		17								17		
Adamson Cottage Hpl., Bank Street, Cupar, Fife	Cupar 3128	Miss W. B. Stark, S.R.N. (Matron)	25									25		v
St. Andrews Memorial Cottage Hpl., St. Andrews, Fife	St. Andrews 51	Miss I. W. Gilchrist, S.R.N., S.C.M. (Matron)	40	5								45		v
Randolph Wemyss Memorial Hpl., Denbeath, Buckhaven, Fife	Buckhaven 2127	Miss J. Forbes, R.G.N., S.C.M. (Matron)	28									28		
Hunter Hpl., Hunter Street, Kirkcaldy, Fife	Kirkcaldy 3246	Mrs. Jean I. Nicholson, S.C.M., R.N. (Matron)	14		14							28		
TOTAL BED COMPLEMENT			175	43 55	14	172 80	40					444 135		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of beds provided for Board
Abten Home, Kinghorn, Fife	Kinghorn 202	Royal Burgh of Kirkcaldy	24

10. Fife Mental Hospitals Board of Management

Secretary and Treasurer: W. SUTHERLAND, M.A., LL.B.,
Stratheden Hpl.

Supplies Officer: D. M. FERGUSON, F.H.A.,
Stratheden Hpl.

Chairman: BAILIE T. BLAMEY, M.B.E., J.P.,
8, George Street, Cowdenbeath, Fife

Medical Superintendent: Dr. W. Boyd, J.P.,
Stratheden Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Stratheden Hpl., Cupar, Fife	Cupar 2214	W. Sutherland, M.A., LL.B. Dr. Wm. Boyd, J.P. (Med. Supt.) Miss M. Smith						1,025					1,025		f, l, n, u, v, w
Strathore Certified Institution, Strathore Road, Thornton, Fife	Thornton 205	W. Sutherland, M.A., LL.B. Dr. Wm. Boyd, J.P. (Med. Supt.) Miss A. McKinlay Muir							82				82		n, u, v, x
TOTAL BED COMPLEMENT								1,025	82				1,107		

11. West Lothian (Bangour) Hospitals Board of Management

Secretary and Treasurer: R. J. Ross, C.A.,
Bangour Hpl.
Tel.: Dechmont 36

Medical Superintendent:
Wm. M. McALISTER, O.B.E., M.A., M.B., CH.B., F.R.C.P.E.,
Bangour Village Hpl.

Chairman: R. CRICHTON, J.P.,
(Castlepark, Philipstoun, Linlithgow

Engineer: GEO. ANDREW TAYLOR STORIE,
Bangour Village Hpl.

Bangour Hpl. Annexe, Broxburn, West Lothian	Dechmont 36	Robert J. Ross, C.A. Wm. M. McAlister, O.B.E., M.A., M.B., CH.B., F.R.C.P.E. (Med. Supt.) Miss Christina Campbell	619 120	32				467 60				1,118 180		n
Bangour Village Hpl., Broxburn, West Lothian	Dechmont 51	Robert J. Ross, C.A. Wm. M. McAlister, O.B.E., M.A., M.B., CH.B., F.R.C.P.E. (Med. Supt.) Miss Christina Campbell						860				860		f, l, n, w
Drumshoreland Infectious Diseases Hpl., Broxburn, West Lothian	Broxburn 7	Robert J. Ross, C.A. Wm. M. McAlister, O.B.E., M.A., M.B., CH.B., F.R.C.P.E. (Med. Supt.) Miss M. H. Macfarlane						34				34		n

11. West Lothian (Bangour) Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Tippethill Infectious Diseases Hpl., Whitburn, By Bathgate, West Lothian	Whitburn 42	Robert J. Ross, C.A. Wm. M. McAlister, O.B.E., M.A., M.B., CH.B., F.R.C.P.E. (Med. Supt.) Miss M. W. Johnston				58						58		m
		Robert J. Ross, C.A. Wm. M. McAlister, O.B.E., M.A., M.B., CH.B., F.R.C.P.E. (Med. Supt.) Miss W. Macmillan				37						37		m
St. Michael's Hpl., Linlithgow, West Lothian	Linlithgow 53	Robert J. Ross, C.A. Wm. M. McAlister, O.B.E., M.A., M.B., CH.B., F.R.C.P.E. (Med. Supt.) Miss C. H. Wright	40		88*			18				146		wa. *Includes some Part III accommoda- tion
		TOTAL BED COMPLEMENT		659	32	88	58	538	878			2,253		
			120					60				180		

12. Gogarburn Institution Board of Management

Secretary and Treasurer: G. R. McCallum, C.A., Gogarburn Institution										Chairman: Dr. J. K. Slater, O.B.E., 7, Walker Street, Edinburgh										Medical Superintendent: R. Bailey, M.B., CH.B., Gogarburn 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Gogarburn Institution, Corstorphine, Edinburgh, 12										Edinburgh 66068										G. P. McCallum, C.A. R. Bailey, M.B., CH.B. (Med. Supt.) Miss A. T. 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15. Borders Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes			
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.				
Hawick Infectious Diseases Hpl., Hawick, Roxburghs	Hawick 2114	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss M. C. Roy				20 22								20 22			
Kelso Dispensary and Cottage Hpl., Kelso, Roxburghs	Kelso 91	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss J. F. G. Mathieson,	20	6										26	3		
Newstead Infectious Diseases Hpl., Newstead, Melrose, Roxburghs	Melrose 265	W. A. Drummond, A.H.A.														Care and maintenance basis only	
Sister Margaret Cottage Hpl., Jedburgh, Roxburghs	Jedburgh 12	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss E. Kears	4	5										9	1		
County Hpl., Peebles	Peebles 116	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss R. M. Wells			20									20			
Peebles War Memorial Hpl., Peebles	Peebles 59	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss M. M. Wannan	15	11										26	2		"
Gordon Infectious Diseases Hpl., Gordon, Berwicks	Gordon 204	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss M. H. Ewing				14 10	10 10							24 20			
Coldstream Cottage Hpl., Coldstream, Berwicks	Coldstream 17	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss I. R. Davidson	16	1										17	2		
Inch Home, Kelso, Roxburghs	Kelso 63	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss W. A. Rutherford			56									56			
Drumlanrig Home, Hawick, Roxburghs	Hawick 2646	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss D. W. Davidson			29 30									29 30			
Selkirk Cottage Hpl., Selkirk	Selkirk 2146	W. A. Drummond, A.H.A. Dr. S. Arnott (Med. Supt.) Miss M. Robertson	14	6										20			
TOTAL BED COMPLEMENT			270	53	136	71	38							568			
			100		30	35	10							175			

16. Dingleton Mental Hospital Board of Management

Secretary (interim): F. R. N. CURLE, W.S.
Melrose

Engineer: ROBERT T. REID,
Dingleton Hpl.

Chairman: BAILE J. KINNEAR,
17, Bristol Terrace, Galashiels

Medical Superintendent: Dr. GEORGE M. BELL, M.B., CH.B.
Dingleton Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Dingleton Mental Hpl., Melrose, Roxburghs	Melrose 23	Thomas C. Mitchell Dr. George M. Bell, M.B., CH.B. (Med. Supt.) Miss Jean W. Mackie, R.G.N., R.M.N.						427				427		f, l, n, u, w
		TOTAL BED COMPLEMENT						427				427		

WESTERN REGION

Area : The county of the city of Glasgow ; the counties of Argyll, Ayr, Bute, Clackmannan, Dumfries, Dunbarton, Kircudbright, Lanark, Renfrew, Stirling and Wigtown, including all the burghs therein.

Population : 2,913,638.

Regional Hospital Board

Address : 64, West Regent Street, Glasgow, C.2

Telephone : Douglas 7504/8

Chairman of Board : Sir Alexander Macgregor, O.B.E. (b)

Other Members : (a) J. B. Dewar, J.P., J. Finlay, R. McCracken, A. McGroarty, Miss L. D. F. McIntyre, Bailie S. McLaren, The Hon. Mrs. Maclean of Ardgour, Angus MacNiven, G. H. Stevenson, O.B.E., M.C., J. Stewart, J.P., J. H. Wright ; (b) L. S. Blanche, Prof. T. Ferguson, Rev. J. A. Fisher, Prof. C. F. W. Illingworth, C.B.E., J. Jack, Miss J. D. Jolly, G. MacFeat, O.B.E., Bailie A. C. Manuel, J.P., G. L. Peacock, J.P., J. E. Russell ; (c) W. Baxter, J. Dunlop, Provost E. Fyfe, M.B.E., Bailie E. Lawson, A. Miller, Provost C. Miniham, A. Moncrieff Mitchell, W. Reid, J.P., A. Watt, Prof. G. M. Wishart (one vacancy).

Secretary :

H. W. SCARTH

Deputy Secretary :

P. STEWART WATT, B.COM.

Assistant Secretary :

J. H. LIVINGSTONE

Treasurer :

J. G. MAIR, C.A., A.S.A.A.

Assistant Treasurer :

T. F. WALKER, C.A., A.L.A.A.

Architect :

F. MURISON, A.R.I.B.A.

Senior Admin. Medical Officer :

A. K. BOWMAN, M.B., CH.B.

Assistant Senior Medical Officer :

R. F. MACDONALD, M.D., CH.B., D.P.H.

WESTERN REGION—BOARDS OF MANAGEMENT AND HOSPITALS

1. Glasgow Western Hospitals Board of Management

Secretary and Treasurer : N. M. ADAM, F.H.A.,
10, Park Circus, Glasgow, C.3
Tel.: Douglas 1851/3

Chairman : G. F. PAISLEY, J.P.,
South Park, Cove

Medical Superintendent : LOUDON MACQUEEN, M.B., CH.B.,
D.P.H.U.,
Western Inf.

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
Western Inf., Dumbarton Road, Glasgow W.1	Western 3110	James Flanagan, F.H.A. Loudon MacQueen, M.B., CH.B., D.P.H.U. (Med. Supt.) Miss Isabella F. Lang, A.R.R.C.	625										625		a, l, m, q, s, t, u, v
Killearn Hpl., Killearn, Stirling	Killearn 121	R. G. A. Beaumont, A.H.A. Miss L. M. Sinclair	266					30					296	7	n, u, v
Lady Hozier Convalescent Home, Loch Road, Lanark	Lanark 43	Miss H. H. Archibald (Matron)								39*			39		*Convalescent.
Ear, Nose and Throat Hpl., 306, St. Vincent Street, Glasgow, C.2	Central 4403	Wm. Slymand, A.H.A. Miss M. H. Robertson	90										90		m, n, t, u
Eye Inf. and Clydebank Dispensary, 166-174, Berkeley Street, Glasgow, C.3	Douglas 7591	J. S. Buchanan J. W. Vanreenans, O.B.E., M.B., F.R.C.S.E. (Med. Supt.) Miss W. E. Lister (Matron)	113										113		c, m, n, u
Royal Cancer Hpl. and West of Scotland Radium Institute, 132, Hill Street, Garnethill, Glasgow, C.3	Douglas 0286	P. R. Peacock, M.B., B.S., F.R.F., P.S.G. (Med. Supt.) Miss S. Turner	56								14		70		c, m, n
Knightswood Infectious Diseases Hpl., Anniesland, Glasgow, W.3	Scotstoun 1821	W. Lockhart, A.H.A. A. W. McCrorie, M.D. (Med. Supt.) Miss J. B. Miller				200	60						260		j, l, n
Glasgow Orthopaedic and Rheumatic Clinic, Bath Street, Glasgow	Douglas 2444	Miss K. E. Doak													u
TOTAL BED COMPLEMENT			1,150			200	60	30		39	14		1,493	7	

3. Glasgow Royal Infirmary and Associated Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I. D.	T. B.	Men.	M. D.	Other	Pri.	Total	P. P.	
Belvidere Infectious Disease Hpl., London Road, Glasgow, E.1	Bridgeton 2322	C. A. Graham, A.H.A. Dr. T. Archibald (Med. Supt.) Miss M. F. Greig				644						644		j, l, n
		188	90					60				338		a, n, o, p, v
Eastern District Hpl., 253, Duke Street, Glasgow, E.1	Bridgeton 1221	N. C. Connell, A.H.A. Dr. R. G. H. Cunningham (Med. Supt.) Miss J. Noble												u
														u
Bridgeton Orthopaedic Rheumatic and Foot Clinic, 556, Gallowgate, Glasgow, S.E.	Bridgeton 2322	Miss M. Smith Dr. T. Bryson (Med. Supt.)												
Glasgow and West of Scotland Foot Hpl., 20, Windsor Terrace, Glasgow	Douglas 4770	Miss A. Currie Dr. T. Bryson (Med. Supt.)												
TOTAL BED COMPLEMENT			1,086	90		644		60			178 40	2,058 40		

SUB-GROUPING

(1) Canniesburn and Schaw Home Sub-Group Senior Administrative Officer : A. Gibson, Canniesburn Hpl.

4. Glasgow Maternity and Women's Hospital Board of Management

Secretary : JAMES METHVEN, F.H.A.,
86, St. Vincent Street, Glasgow.
Tel. : Central 1042

Chairman : T. M. MACQUAKER, M.C.,
Brae of Auchendrain, Ayr

Royal Maternity Hpl. Rottenrow, Glasgow, C.4	Bell 2821	Admin. Officer: (vacant) Miss E. Renwick		176								176		oo,
Redlands Hpl. for Women, 11, Lancaster Crescent, Glasgow, W.2	Western 4426	Miss J. Paton (Matron)	43	17							10	70	36	
Royal Samaritan Hpl. for Women, Coplaw Street, Glasgow, S.2	Pollok 3033	Miss I. M. Rennie	170								19	189		c
TOTAL BED COMPLEMENT			213	193							29	435	36	

5. Glasgow Northern Hospitals Board of Management

Secretary and Treasurer : J. J. C. RITCHIE, F.H.A., A.C.I.S.,
133, Balornock Road, Glasgow, N. Tel.: Springburn 5057/9

Chairman : Col. W. K. RODGER, O.B.E., T.D.,
113, St. Vincent Street, Glasgow

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Stobhill Hpl., 133, Balornock Road, Springburn, Glasgow, N.	Springburn 5042	J. McNeil, A.H.A. A. D. Briggs, M.B., CH.B. (Med. Supt.) Miss M. A. Noble	912 260	178			314		314			1,442 260		a, d, f, h, l, m, n, o, p, u, v
Western District Hpl., 63, Possil Road, Glasgow, C.4	Douglas 3206	W. Magill R. G. H. Cunningham, M.B., CH.B. (Med. Supt.) Miss S. J. Gray	174	78								252		a, n, o, p, u, v
Ruchill Infectious Diseases Hpl., Bilsland Drive, Glasgow, N.W.	Maryhill 3232	T. B. Dougall, F.H.A. W. M. Elliott, M.B., CH.B., D.P.H. (Med. Supt.) Miss C. L. Davidson				505 230	280					785 230		j, l, n, u
Robroyston Hpl., Millerston, Glasgow, E.1	Bishopbriggs 560	D. Hamilton, A.H.A. M. A. Foulis, M.D. (Med. Supt.) Miss M. McCall		135		30 100	548 69					713 169		c, e, l, m, n, o, p, u
Baird Street Auxiliary Hpl. and Clinics, 35, Baird Street, Glasgow, C.4	Bell 2705	Miss M. R. Jones (Matron)				28	14					42		
Glasgow Convalescent Home, Lenzie, Near Glasgow	Kirkintilloch 1208	Miss R. McDonald (Matron)								74*		74		*Convalescent.
T.B. Clinic, Glenfarg Street, Glasgow, N.W.	Douglas 1939													u
T.B. Clinic, 63, Black Street, Glasgow, C.4	Bell 0680													u
T.B. Clinic, Acorn Street, Glasgow, S.E.	Bridgeton 1021													u
V.D. Clinic, 63 and 67, Black Street, Glasgow, C.4	Bell 1529													
V.D. Clinic, 194, Broomielaw, Glasgow, C.1	Central 9028													
Mass Radiography Unit, 44, Ashley Street, Glasgow, C.3	Douglas 0475	D. Clutterbuck, M.B., CH.B., D.P.H., (Med. Director)												u
TOTAL BED COMPLEMENT			1,086 260	391		563 330	880 69		314	74		3,308 659		

Glasgow Northern Hospitals Board of Management—Cont.

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institutions			No. of Beds provided for Board
Name and Address of Institution	Telephone	Name of Authority owning Institution	
Foresthall Institution, Springburn, Glasgow, N.	Springburn 5166	Corporation of Glasgow	642

6. Glasgów Homoeopathic Hospitals Board of Management

Secretary and Treasurer: D. D. MACLEOD, F.H.A.,
65, Renfield Street, Glasgow, C.2
Tel.: Douglas 7521

Chairman: JAMES ROBERTSON, M.B.E., J.P.,
95, West Nile Street, Glasgow, C.1

Medical Superintendent: T. D. Ross, M.B., CH.B.,
3, Newton Place, Glasgow, C.3
Tel.: Douglas 1244

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Homœopathic Hpl., 1000 Great Western Road, Glasgow, W.2	Western 382	T. D. Ross, M.B., CH.B., (Med. Supt.) Miss J. T. Reid	28								2	30		
		Dr. Hector MacNeill (Med. Supt.) Miss M. S. Charlton	28									28		
Homœopathic Hpl. for Children, and Clinic, Mount Vernon, Glasgow, E.	Shettleston 1185													
Woodlands Road, 5, Lynedoch Crescent, Glasgow, C.3	Douglas 4490													
TOTAL BED COMPLEMENT			56								2	58		

7. Glasg w Dental Hospital and School Board of Management

Secretary: D. D. MACLEOD, F.H.A.,
65, Renfield Street, Glasgow, C.2
Tel.: Douglas 7521

Supplies Officer: JAMES JOHNSTON,
Glasgow Dental Hpl. and School

Glasgow Dental Hpl. and School,
211, Renfrew Street, Glasgow, C.3

Chairman: JOSEPH COUSLAND,
9, Lilybank Gardens, Glasgow

James Aitchison, H.D.D., L.D.S.,
(Dental Supt.)

Dental Superintendent: JAMES AITCHISON, H.D.D., L.D.S.,
Glasgow Dental Hpl. and School

Engineer : C. SLADE,
Glasgow Dental Hpl. and School

[illegible]

8. Glasgow Victoria Hospital Board of Management

Secretary and Treasurer: I. J. HAMILTON, M.A., C.A., F.H.A.,
40, St. Vincent Place, Glasgow, C.1
Tel.: Central 0531-2

Chairman: Dr. J. Courts,
2, Cecil Place, Paisley Road West,
Glasgow, S.W.1

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total	
Victoria Inf., Langside, Glasgow, S.1	Langside 0670	J. D. Brodie, F.H.A. Dr. B. McCall-Smith (Med. Supt.) Miss I. B. H. Renton	503										503	80	a, l, n, t, u
Victoria Auxiliary Inf., Philipshill by Busby, Lanarkshire	Busby 1144	J. D. Brodie, F.H.A. Dr. B. McCall-Smith (Med. Supt.) Miss J. B. Hinksman	180										180		l, n, t
Brooksby Convalescent Home, Largs, Ayrshire	Largs 2285	J. D. Brodie, F.H.A. Dr. B. McCall-Smith (Med. Supt.) Miss J. Smyth								30*			30		*Convalescent
Mearnskirk Hpl., Newton Mearns, by Glasgow	Newton Mearns 2255	V. J. Goode, A.H.A. Dr. A. Dale (Med. Supt.) Miss I. M. Gourlay					1,000 493						1,000 493		c, e, k, l, n, u
Bellefield Sanatorium, Lanark	Lanark 32	Dr. A. Young (Med. Supt.) Miss L. M. Ross					108						108		l, n
T.B. Clinic, Florence Street, Glasgow	South 2878	—													
T.B. Clinic Town Hall, Govan	Govan 2626	—													
X-Ray Unit, Florence Street, Glasgow	South 2878	—													
V.D. Clinic, 6, Florence Street, Glasgow	South 2937	—													
V.D. Clinic, Town Hall, Govan	Govan 2626	—													
V.D. Clinic, 87, Paisley Road, Glasgow	South 0019	—													
TOTAL BED COMPLEMENT			683				1,108 493			30			1,821 493	80	

9. Glasgow South-Western Hospitals Board of Management

Chairman : J. YOUNG, M.B.E., I.P.,
4, Beaumont Gate, Glasgow, W.2

Secretary and Treasurer : D. L. LAING, A.H.A.,
1301, Govan Road, Glasgow, S.W.1
Tel.: Govan 1231/6

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Southern General Hpl. (1), Govan, Glasgow, S.W.1	Govan 811	A. H. McCall, A.H.A., A.C.I.S. Dr. Chas. Mackay, M.B., CH.B. (Med. Supt.) Miss J. D. Jolly	410	65	200		14	129	389			1,207		a, d, l, n, o, p, v, wa
			253									253		
Shieldhall Infectious Diseases Hpl., Govan, Glasgow, S.W.1	Govan 127	W. Ferguson, A.H.A. Dr. Wm. Napier, M.D. (Med. Supt.) Miss J. M. Wallace				75	25					100		j, l, m, n
David Elder Inf. (1), Moss Road, Glasgow, S.W.1	Govan 336	Miss G. V. Langdon (Matron)	50									50		l, m, n
Elder Cottage Hpl. (1), 1A, Drumoyne Drive, Govan	Govan 46	Miss E. H. Smith (Matron)	40									40		m
Cowglen Hpl., 613-727, Barrhead Road, Glasgow	Langside 4330				Under requisition by Secretary of State for War									
		TOTAL BED COMPLEMENT	500 253	65	200	75	39	129	389			1,397 253		

SUB-GROUPING
(1) Forming part of Sub-Group Senior Administrative Officer : Chas. MacKay, M.B., CH.B., Southern General Hpl.

10. Glasgow Royal Mental Hospital and Lansdowne Clinic Board of Management

Medical Superintendent : ANGUS MACNIVEN, M.B., F.R.C.P.
(Edin.), D.P.M., F.R.S.E.,
2, Whittinghame Gardens, Glasgow, W.2
Tel.: Western 3594

Chairman : P. B. H. BROWN,
158, North Woodside Road,
Glasgow

Secretary and Treasurer : J. G. MORTATT, B.SC., C.A., F.H.A.,
Messrs. D. & A. Cuthbertson, Provan & Strong,
190, West George Street, Glasgow, C.2.
Tel.: Douglas 7354

Glasgow Royal Mental Hpl., 1055, Great Western Road, Glasgow	Western 3118	W. J. Brodie, F.H.A. Dr. A. MacNiven (Med. Supt.) Miss A. C. Shirra						760				760		f, l, m, n, u, v, w
Lansdowne Clinic, 4, Royal Crescent, Glasgow, C.3	Douglas 7616	Dr. D. Yellowlees (Med. Supt.)												v
		TOTAL BED COMPLEMENT						760				760	350	

11. Glasgow North-Eastern Mental Hospitals Board of Management

Secretary and Treasurer : I. ROBERTSON, B.L.,
2154, Gartcosh Road, Gartcosh, Glasgow
Tel. : Bailleston 654

Chairman : D. CRAWFORD, J.P.,
21, St. Andrew's Drive,
Pollokshields, Glasgow, S.4

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Gartloch Mental Hpl., Gartcosh, Glasgow	Bailleston 380	L. A. Luke, F.H.A. R. Stewart, M.B. (Med. Supt.) Miss M. S. Gow	128 32					490 351				618 383		f, l, n, w
		S. C. Smart J. R. B. Robb, J.P., B.L., M.D., F.R.F.P.S., Glas. (Med. Supt.) Miss C. A. Mackinnon					1,305 99					1,305 99		f, l, n, w
Woodilee Mental Hpl., Lenzie	Kirkintilloch 1124	M. Macdonald J. Macleod, M.B., CH.B. (Med. Supt.) Miss J. L. MacKechnie					320					320		f, l, n, w
		TOTAL BED COMPLEMENT	128 32					2,115 450					2,243 482	

12. Hawkhead Mental Hospital Board of Management

Secretary and Treasurer : J. G. MOFFATT, B.SC., C.A., F.H.A.,
c/o Messrs. D. & A. Cuthbertson, Provan & Strong,
190, West George Street, Glasgow, C.2
Tel. : Douglas 7354

Chairman : Dr. J. H. MACDONALD,
Ardallie, Luss

Medical Superintendent : Dr. ALEX. DICK,
Hawkhead Mental Hpl.

Hawkhead Mental Hpl., 510, Crookston Road, Glasgow, S.W.2	Halfway 1615	George G. Forrest, F.H.A. Dr. Alex. Dick (Med. Supt.) Miss S. Syme						1,070				1,070		f, l, m, n, w
		TOTAL BED COMPLEMENT						1,070				1,070		

13. Lennox Castle and Associated Institutions Board of Management

Secretary and Treasurer : T. L. CALLENDER, F.H.A.,
2154, Gartlock Road, Gartcoosh, Glasgow.
Tel. : Baillieston 654/6

Chairman : Dr. KATE FRASER, C.B.E.,
Greengaits Road, Auchendodment Road,
Johnstone, Nr. Glasgow

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Lennox Castle Institution, Lennoxtown	Lennoxtown 313	J. B. Marshall Jas. T. Curran, M.B., CH.B. (Med. Supt.) Miss B. Mason, S.R.N., C.M.B., R.M.P.A., R.M.N.	221						1,358			1,579		g, l, m, n, o, p, x
		Miss C. I. Wilson, R.M.P.A., R.M.N. (Matron)							140			140		l, m, n, x
Waverley Park Institution, Kirkintilloch	Kirkintilloch 1286	Miss M. Young, S.R.N., R.M.P.A. (Matron)							127			127		l, m, x
Caldwell House Hpl., Uplawmoor, Renfrewshire	Uplawmoor 257		221						1,625			1,846		
TOTAL BED COMPLEMENT														

14. Campbeltown and District Hospitals Board of Management

Secretary and Treasurer : J. MANN, C.A.,
34, Longrow, Campbeltown, Argyll.
Tel. : Campbeltown 2395

Chairman : A. D. M'NAIR, O.B.E.,
Craigarnrioch, Campbeltown

Craigard Maternity Home, Campbeltown, Argyll	Campbeltown 2247	Mrs. K. I. MacLeod (Matron)		12							1	13		1
Calton Infectious Diseases Hpl., Campbeltown, Argyll	Campbeltown 2106	Matron.: (vacant)				42						42		
The Cottage Hpl., Campbeltown, Argyll	Campbeltown 2077	Miss A. Thomson (Matron)	17								1	18		
Gartnara Infectious Diseases Hpl., Bowmore, Islay	Bowmore 240	Miss M. J. McKenzie (Sister-in- charge)				14						14		
Witchburn House, Campbeltown, Argyll	Campbeltown 2044	Mrs. L. Mathieson (Matron)	18							26*		44		* Part III accommo- dation.
Gortanvogri House, Bowmore, Islay	Bowmore 219	Miss C. E. M. Morrison (Temp. Matron)	19†	1								20		† Includes some Part III accommodation.
TOTAL BED COMPLEMENT			54	13		56				26	2	151		1

15. Dunoon Hospitals Board of Management

Secretary and Treasurer : R. M. LANG, M.B.E., J.P.,
The Office, Cottage Hpl., Dunoon
Tel: Dunoon 606

Chairman : A. M. ROBERTSON,
Vine Cottage, Blairmore

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	M.t.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
The Cottage Hpl., Sandbank Road, Dunoon, Argyll	Dunoon 57	R. M. Lang, M.B.E., J.P. Miss H. Brewer	10								4	14	
Struan Lodge Hpl., Bencorrum Brae, Dunoon, Argyll	Dunoon 40	R. M. Lang, M.B.E., J.P. Miss H. Watt									3	12	
Victoria Infectious Diseases Hpl., Dunoon, Argyll	Dunoon 80	R. M. Lang, M.B.E., J.P. Mrs E. L. Simpson				29	4					33	
TOTAL BED COMPLEMENT			10	9		29	4				7	59	

16. Oban and District Hospitals Board of Management

Secretary and Treasurer : J. HARVEY,
Royal Bank Buildings, Oban, Argyll.
Tel.: Oban 2308

Chairman : Provost W. HUNTER, J.P.,
Esplanade Hotel, Oban

West Highland Hpl., Glencruitten Road, Oban, Argyll	Oban 2514	E. J. Crawford (Med. Supt.) Miss A. D. Gordon	39									39	m, u
M'Kelvie Infectious Disease Hpl., Glenshellach Road, Oban, Argyll	Oban 2027	Miss M. Fairley (Matron)				24						24	m
County Sanatorium, Oban, Argyll	Oban 2028	Miss M. J. Manson (Matron)					41					41	m, u, v
Ballachulish Infectious Diseases Hpl., Ballachulish	Ballachulish 234	Miss S. MacDougall (Matron)				10						10	
Glencoe House Maternity Hpl. Ballachulish	Ballachulish 254	Miss F. A. Campbell (Matron)		12								12	
West Highland Rest, Oban, Argyll	Oban 2112	Maj. D. MacCorquodale, M.C. Miss S. Mackellar (Matron)	90									90	
TOTAL BED COMPLEMENT			129	12		34	41					216	

17. Lochgilphead Hospitals Management

Secretary and Treasurer (interim): R. M. LANG, M.B.E., J.P.,
Argyll and Bute Mental Hpl.

Chairman: J. C. M'MILLAN,
34, Mount Stuart Road, Craigmore, Rothesay

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Argyll and Bute District Mental Hpl., Lochgilphead, Argyll	Lochgilphead 230	A. G. Catto, F.H.A. Alan P. Russell, M.B., CH.B., D.P.M. (Med. Supt.) Miss J. K. Ross						550 20				550 20		f, l, m, u, v, w
Mid-Argyll Infectious Diseases Hpl., Lochgilphead, Argyll	Lochgilphead 225	Miss H. H. Gillies, S.R.N. (Matron)				13						13		
TOTAL BED COMPLEMENT						13		550 20				563 20		

18. Isle of Arran Hospitals Management

Secretary and Treasurer: A. MACMILLAN, F.H.A.,
Garthland, Brodick, Isle of Arran.
Tel.: Brodick 92

Chairman: H. D. WILKIE,
Benvarren, Lochranza, Isle of Arran

Medical Superintendent: J. BUCHANAN, F.R.C.S. (Ed.),
Undercliff, Lamblash, Isle of Arran
Tel.: Lamblash 202

War Memorial Hpl., Lamlash, Isle of Arran	Lamlash 214	A. Macmillan, F.H.A. J. Buchanan F.R.C.S. (Ed.), (Med. Sup.) Miss S. Robertson	8	+							3	15		
Ardmhor Infectious Diseases Hpl., Whiting Bay, Isle of Arran	Whiting Bay 249	A. Macmillan, F.H.A. J. Buchanan, F.R.C.S. (Ed.), (Med. Supt.)				8						8		
TOTAL BED COMPLEMENT			8	+		8					3	23		

19. Bute and Cumbrae Hospitals Board of Management

Secretary and Treasurer: T. MACLAGAN,
28, Castle Street, Rothesay, Bute.
Tel.: Rothesay 157

Chairman: A. R. THOMPSON, J.P.,
4, Mount Stuart Road, Rothesay, Bute

Medical Superintendent: n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Lady Margaret Hpl., Millport, Isle of Cumbrae, Bute	Millport 7	T. MacLagan Dr. J. S. McFavish (Med. Supt.) Miss J. M. Fergusson	5	2		5						12		n, u
			14	6								20	4	m, n, u
Victoria Hpl., High Street, Rothesay, Bute	Rothesay 45	T. MacLagan Miss J. S. Ewen												
Robertson Stewart Infectious Diseases Hpl., High Street, Rothesay, Bute	Rothesay 43	T. MacLagan Dr. T. W. Howie (Med. Supt.) Mrs. H. Robertson				27	8					27 8		
TOTAL BED COMPLEMENT			19	8		32	8					59 8	4	

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for Board
Thomson House, High Street, Rothesay, Bute	Rothesay 266	Bute County Council	as required

20. Northern Ayrshire Hospitals Board of Management

Secretary, Treasurer and Supplies Officer: E. R. H. FORBES
A.H.A., Kilmarnock Inf.

Chairman: GEORGE BROWN, J.P., M.A., F.F.I.S.,
Dunard, 52, Witch Road, Kilmarnock

Medical Superintendent: M. J. MILLER, M.B., CH.B., D.P.H.,
Ayrshire Central Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Note
Ayrshire Central Hpl. (2), Irvine, Ayrshire	Irvine 2215	M. J. Miller, M.B., CH.B., D.P.H. (Med. Supt.) Miss I. P. Kirkcaldy (Matron, I.D. Section) Miss J. J. Lindors (Matron, Mat. Section)		103		150 84	93					346 84		j, l, m, n, o, p

20. Northern Ayrshire Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Kilmarnock Inf. (1), Wellington Street, Kilmarnock, Ayrshire	Kilmarnock 1300	E. R. H. Forbes, A.H.A. Miss J. B. Wilson	138								9	147		a, l, m, n
Kilmarnock Maternity Hpl. (1), Holmes Road, Kilmarnock, Ayrshire	Kilmarnock 435	Miss M. McCreath (Matron)		40								40		l, m, n, o, p
Kirklandside Infectious Diseases Hpl., Roccarton Road, Kilmarnock, Ayrshire	Kilmarnock 172	Miss M. McIlveen, (Matron)			30 36							30 36		ji, l, n
Kainshill Sanatorium (1), Riccarton Road, Kilmarnock, Ayrshire	Kilmarnock 40	Miss M. Kindness (Matron)				20						20		l
Glenafon Sanatorium (1), New Cumnock, Ayrshire	New Cumnock 201	Miss J. Shanks (Matron)				100						100		l, n
Buckredden Maternity Hpl. (2) Kilwinning, Ayrshire	Kilwinning 100	Miss M. J. Dunlop (Matron)		24								24		l, n
Drumley House Hpl. (2), Annbank, Ayr	Annbank 254	Miss H. F. McIntyre (Matron)		24								24		n
V.D. Clinic, Green Street, Kilmarnock, Ayrshire	Kilmarnock 1600													
V.D. Clinic, Bank Street, Kilmarnock, Ayrshire	Kilmarnock 1600													
V.D. Clinic, Central Hpl., Irvine, Ayrshire	Irvine 2215													
Cunninghame Home (2), Irvine, Ayrshire	Irvine 3348	Adam Young (Matron) Miss M. C. McDougall, A.H.A.												n, wa
		TOTAL BED COMPLEMENT	138	191		180 120	213				9	731 120		

SUB-GROUPING

(1) Kilmarnock Sub-Group	...	...	Senior Administrative Officer :	Miss J. O. Miller, A.H.A., Kilmarnock Inf.
(2) Irvine Sub-Group	...	...	Senior Administrative Officer :	J. J. Sapsworth, Ayrshire Central Hpl.

21. Southern Ayrshire Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes			
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.		
Ayr Welfare Home and Hpl., Holmston Road, Ayr.	Ayr 3843	A. Stevenson, M.R.I.P.H. T. McCarroll, M.B., CH.B. (Med. Supt.) Miss C. McDade, S.R.N., S.R.F.N., S.C.M.		3	4								7		n	
Dubs Memorial Convalescent Home, (Cloncaird Castle, Ayrshire	Kirkmichael 206	Miss S. M. Edwards, S.R.N., S.C.M., (Sister-in charge)										26*		26		*Convalescent
		TOTAL BED COMPLEMENT	672	19	4	130	44					176	4	1049		
			372				8					9		389		

22. Ayrshire Mental Hospitals Board of Management

<i>Secretary and Treasurer</i> : J. MANSON, Ayr District Mental Hpl.		<i>Chairman</i> : Provost D. CAIRNS, 7, Bellevue Road, Kilmarnock, Ayrshire		<i>Medical Superintendent</i> : J. CHALMERS, M.B., CH.B., Ayr District Mental Hpl.								
Ayr District Mental Hpl., Glenall, By Ayr	Ayr 3677	J. Chalmers, M.B., CH.B. (Med. Supt.) Miss E. Happell			650						650	n, w
Dunlop House Hpl., Dunlop, Ayrshire	Dunlop 252	Miss I. C. Campbell (Matron)				71					71	x
		TOTAL BED COMPLEMENT				650	71				721	

23. Dumfries and Galloway Hospitals Board of Management

<i>Secretary and Treasurer</i> : J. BROWNLEE, F.H.A., Dumfries and Galloway Royal Inf.		<i>Chairman</i> : J. KIRKPATRICK, J.P., Auchenbainzie, Thornhill		<i>Medical Administrative Officer</i> : STUART F. ALLISON, M.B., CH.B., D.P.M., Dumfries Galloway Royal Inf.										
Dumfries and Galloway Royal Inf., Nithbank, Dumfries	Dumfries 1864	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H. (Med. Admin. Officer) Miss J. K. Hutt	205						205					<i>a, l, n, t, u, v</i>
Cresswell Maternity Hpl., Dumfries	Dumfries 59	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H. (Med. Admin. Officer) Miss E. Brown	49 13						49 13					00

23. Dumfries and Galloway Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
Parkhead Infectious Diseases Hpl., Dumfries	Dumfries 166	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss F. P. Mearns				27 5						27 5		
Lochmaben Sanatorium and Fever Hpl., Lochmaben	Lochmaben 255	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss C. S. Jack				9 26	115 17					124 43		<i>l, n</i>
Grove Hpl., Irongray, By Dumfries	Newbridge 253	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss J. K. Hutt	35							25*		60		*Convalescent
Thomas Hope Hpl., Langholm	Langholm 17	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss J. M. Robertson			14							14	1	<i>m, n</i>
Eskdale Infectious Diseases Hpl., Langholm, By Dundee		J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer)				20						20		
The Cottage Hpl., Moffat	Moffat 31	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss M. N. Grierson	9	3								12	2	
Infectious Diseases Hpl., Thornhill	Thornhill 205	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss B. West				12 14						12 14		
Castle Douglas and District Hpl., Castle Douglas	Castle Douglas 28	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss J. W. Graham	30									30	3	
Lauristonhall Infectious Diseases Hpl., Castle Douglas	Crossmichael 64	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss A. Harkness				9 30						9 30		
Kirkcudbright & District Cottage Hpl., Kirkcudbright	Kirkcudbright 49	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H., (Med. Admin. Officer) Miss J. R. Fettes	12 3									12 3	1	

23. Dumfries and Galloway Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Newton Stewart Infectious Diseases Hpl., Newton Stewart	Newton Stewart 15	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H. (Med. Admin. Officer) Miss A. B. Blackwell				9 23						9 23			
			28										28	2	
Garrick Hpl., Edinburgh Road, Stranraer, Wigtownshire	Stranraer 43	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H. (Med. Admin. Officer) Miss A. Burnie													
V.D. Clinic, Infectious Diseases Hpl., Newton Stewart	Newton Stewart 15	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H. (Med. Admin. Officer)													
T.B. Clinic, Infectious Diseases Hpl., Newton Stewart	Newton Stewart 15	J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H. (Med. Admin. Officer)													
Clenoch Maternity Hpl., Stranraer, Wigtownshire		J. Brownlee, F.H.A. S. F. Allison, M.B., CH.B., D.P.H. (Med. Admin. Officer.)													
TOTAL BED COMPLEMENT			319 3	52 13	14	66 118	115 17			25		591 151	9		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for Board
Waverley House, Stranraer	Stranraer 78	Wigtownshire County Council	32
Burnside House, Kirkcudbright	Kirkcudbright 21	Kirkcudbright County Council	14
Rowantree House, Thornhill	Thornhill 259	Dumfries County Council	18

24. Crichton Royal Mental Hospital Board of Management

Secretary and Treasurer : J. A. WILL,
20, Castle Street, Dumfries.
Tel. : Dumfries 10

Supplies Officer : A. CAMPBELL,
House Steward, Crichton Royal Mental Hpl.

Chairman : Sir HUGH GLADSTONE, L.L., J.P.,
Capenoch, Penpont,
Dumfriesshire

Medical Superintendent : P. K. McCOWAN, M.D., F.R.C.P.,
D.P.M., Barrister-at-Law,
Crichton Royal Mental Hpl.

Engineer : N. STRANGE,
Master of Works, Crichton Royal Mental Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total
Crichton Royal Mental Hpl. Dumfries	Dumfries 1900	J. A. Will P. K. McCowan, M.D., F.R.C.P., D.P.M. (Med. Supt.) Miss M. Houlston						1,091			97	1,188		f, l, n, u, v, w
		TOTAL BED COMPLEMENT										1,091			1,188

25. Dunbartonshire Hospitals Board of Management

Secretary and Treasurer : J. CAMPBELL, F.H.A.,
Infectious Diseases Hpl., Duntocher
Tel. : Duntocher 351

Chairman : H. McINTYRE,
2, Argyll Terrace, Mitchell Street,
Alexandria

Henry Brock Vale of Leven Cottage Hpl., Alexandria	Alexandria 103	Miss M. K. Hudspeth (Matron)	26									26		n, u
Victoria Inf., Helensburgh	Helensburgh 19	Miss A. A. Silver (Matron)	25									25	4	u
Infectious Diseases Hpl., Helensburgh	Helensburgh 15	Miss E. Taylor (Matron)				26	12					38		n
Braeholm Maternity Hpl. East Montrose Street, Helensburgh							still under constr							
Dumbarton Cottage Hpl.,	Dumbarton 117	Miss J. McKinstry (Matron)	26									26		n, u
Joint Infectious Diseases Hpl., Dumbarton	Dumbarton 50	Miss M. R. Brown (Matron)				39 20	6					45 20		j, n
Overtoun Maternity Hpl., Dumbarton	Dumbarton 619	Matron : (vacant)		25								25		n
amis Eskan Infectious Diseases Hpl. Craigendoran, By Helensburgh	Helensburgh 995	Miss M. J. C. McLanaghan (Matron)					21 15					21 15		

25. Dunbartonshire Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Infectious Diseases Hpl., Duntocher	Duntocher 267	Miss J. L. Blair (Matron)				26 14						26 14		
	Scotstoun 2271	Miss M. M. Peebles (Matron)				25 70	15					40 70		
Lennox Infectious Diseases Hpl., Milton of Campsie	Kirkintilloch 1135	Miss A. D. Macpherson (Matron)				16	20					36		k, l, n
Clydebank Orthopædic Rheumatic and Foot Clinic, 400, Dumbarton Road, Dalmuir	Clydebank 1186	—												u
TOTAL BED COMPLEMENT			77	25		132 104	74 15					308 119		

JOINT USER ARRANGEMENTS

In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for Board
Townend Hospital, Dumbarton	Dumbarton 180	Dumbarton County Council Dumbarton Town Council Clydebank Town Council	15 Hpl. 60 Mental

26. Coatbridge, Airdrie and District Hospitals Board of Management

Secretary and Treasurer : GEORGE G. WATSON, B.L., F.H.A.,
Hairmyres Hpl.
Chairman : R. J. LUMSDEN, M.B., CH.B.,
" Rochsolloch," Victoria Place, Airdrie
Medical Superintendent and Supplies Officer : (n.y.a.)

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Alexander Hpl., Blair Road, Coatbridge Lanarkshire	Coatbridge 173	James Andrew, M.D., D.P.H. (Med. Supt.) Miss J. Dunbar	22 10									22 10		"

26. Coatbridge, Airdrie and District Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Wester Moffat Infectious Diseases Hpl., Airdrie	Airdrie 3377	Robt. J. Lumsden, M.B., CH.B., D.P.H. (Med. Supt.) Miss J. Muir				17 27	15 7					32 34		n, u
Coatbridge and Airdrie Maternity Hpl., Airdrie House, Airdrie	Airdrie 2055	H. J. Thomson, M.D., M.R.C.O.G., (Med. Supt.) Miss H. Pairman		24								24		
Lightburn Joint Infectious Diseases Hpl., Carnityne Road, Shettleston	Shettleston 1104	D. R. Brown, M.B., CH.B., D.P.H. (Med. Supt.) Miss J. C. Slater				44 32						44 32		
Longriggend Sanatorium, Longriggend		Leslie J. Lang, M.B., CH.B., D.P.H. (Med. Supt.) Miss H. Smart					40 11					40 11		j
Calderbank House (Maternity Hpl.) Baillieston	Baillieston 61	H. J. Thomson, M.D., M.R.C.O.G., (Med. Supt.) Mrs. J. M. Macdougall		29								29		
Maternity Hpl., North Road, Bellshill, Lanarkshire	Bellshill 2255/6	H. J. Thomson, M.D., M.R.C.O.G., (Med. Supt.) Mrs. J. M. Macdougall		66								66		o, p, u
Hairmyres Hpl., East Kilbride, Lanarkshire	East Kilbride 325/8	Jas. Johnstone, O.B.E., M.B., D.P.H. (Camb.) (Med. Supt.) Miss M. Laird	323 221				240 40					563 261		k, n, t
T.B. Clinic, Health Institute, Buchanan Street, Baillieston	Baillieston 346	Leslie J. Lang, M.B., CH.B., D.P.H. (Med. Supt.)												u
T.B. Clinic, 258, Main Street, Bellshill	Bellshill 2258	Leslie J. Lang, M.B., CH.B., D.P.H. (Med. Supt.)												u
T.B. Clinic, Health Institute, Johnson Street, Cambuslang	Cambuslang 991	Leslie J. Lang, M.B., CH.B., D.P.H. (Med. Supt.)												u
Old Monkland Home, Coatbridge, Lanarkshire	Coatbridge 344	John R. S. Wallace A. M. Goldie, M.B., CH.B. (Med. Supt.) Miss M. Reynolds			62			51				113		wa
Coathill Infectious Diseases Hpl., Coatbridge, Lanarkshire	Coatbridge 99	Robt. Cordiner, M.B., CH.B., D.P.H., D.P.A. (Med. Supt.) Miss M. Ballantyne				39 34	28					67 34		jt, n, u

26. Coatbridge, Airdrie & District Hospital Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Ante- and Post-Natal Clinic, Health Institute, 258, Main Street, Bellshill	Bellshill 2258	H. J. Thomson, M.D., M.R.C.O.G., (Med. Supt.)													"
			345 231	119	62	100 93	323 58	51				1,000 382			
TOTAL BED COMPLEMENT															
JOINT USER ARRANGEMENTS															
In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institution															
Name and Address of Institution			Telephone	Name of Authority owning Institution										No. of Beds provided for Board	
Thrashbush Home, Airdrie			Airdrie 3107	Airdrie Town Council and Lanarkshire County Council										42	

27. Motherwell, Hamilton and District Hospitals Board of Management

Secretary and Treasurer : D. G. JAMISON, F.H.A.,
County Infectious Diseases Hpl.
Tel.: Motherwell 698/9

Chairman : E. DALY, J.P.,
213, Glasgow Road, Blantyre
(n.y.a.)

Medical Superintendent, Supplies Officer and Engineer :

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
County Sanatorium, Shotts, Lanarks.	Shotts 24	Dr. W. E. Whyte (Med. Supt.) Miss I. M. Robbie					30 20							m, n
County Infectious Diseases Hpl., Airbles Road, Motherwell, Lanarks.	Motherwell 253	Dr. R. Shirra Dewar (Med. Supt.) Miss D. C. Blackwell				134 98								j, l, n, u
Motherwell Infectious Diseases Hpl., Airbles Road, Motherwell, Lanarks.	Motherwell 393	Dr. D. Ferguson (Med. Supt.) Miss A. McGibbon				139								j, l, m, n, u
Motherwell Maternity Home, Airbles Road, Motherwell, Lanarks.	Motherwell 341	Dr. D. Ferguson (Med. Supt.) Miss J. Love		40 1										n, o, p
Wishaw Sanatorium, Dimsdale Road, Wishaw, Lanarks.	Wishaw 182	Dr. John Macleod (Med. Supt.) Miss E. W. Richmond					60 14							n, u
Udston Hpl., Burnbank, Hamilton	Blantyre 255	Dr. William Gilmour (Med. Supt.) Miss C. S. Graham				63								n
Glenlee Hpl., Burnbank, Hamilton	Blantyre 64	Dr. William Gilmour (Med. Supt.) Miss C. S. Graham					26 1							n

27. Motherwell, Hamilton and District Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Beckford Lodge Hpl., Beckford Street, Hamilton	Hamilton 84	Dr. William Gilmour (Med. Supt.) Miss J. R. McGibbon		20								20		
County Hpl., Cleveland, Lanarks.	Cleveland 293	Dr. R. Shirra Dewar (Med. Supt.) Miss I. C. MacKenzie	14	148 44								162 44		k, l, m, n, u
County Orthopaedic Hpl., Stonehouse, Lanarks.	Stonehouse 292	Dr. Alexander Smith (Med. Supt.) Miss M. Campbell	103 197				185 15					288 212		a, d, l, n, u
T.B. Clinic, Health Institute, Victoria Street, Blantyre	Blantyre 131	D. G. Jamison, F.H.A. Dr. William E. Whyte (Med. Supt.) Miss E. Brownlie												u
T.B. Clinic, King Street, Rutherglen	Rutherglen 2001	D. G. Jamison, F.H.A. Dr. Cochrane Cross (Med. Supt.)												u
T.B. Clinic, Station Road, Shotts	Shotts 33	Dr. William E. White (Med. Supt.) Miss S. M. McNeil (Matron)												u
V.D. Clinic, Oak Lodge, Almada Street, Hamilton	Hamilton 459	Dr. L. E. Hamilton (Med. Supt.)												u
Diabetes and Anaemia Clinic, County Hpl., Motherwell	Motherwell 698	D. G. Jamison, F.H.A.												u
T.B. Clinic, Health Institute, Airbles Road, Motherwell	Motherwell 351	D. G. Jamison, F.H.A. Dr. John Macleod (Med. Supt.)												u
TOTAL BED COMPLEMENT			117 197	208 45		336 98	301 50					962 390		

JOINT USER ARRANGEMENTS
In addition to the above hospitals the Board of Management has arrangements for the use of beds at the following institutions

Name and Address of Institution	Telephone	Name of Authority owning Institution	No. of Beds provided for Board
Hamilton Home, 41 Bothwell Road, Hamilton	Hamilton 173	Lanark County Council.	90
Airbles House, Motherwell	Motherwell 209	Motherwell Town Council	30

28. Southern Lanarkshire Hospitals Board of Management

Secretary and Treasurer : H. K. MITCHELL, B.L.,
Law Hpl.

Chairman : W. C. M'GEACHIN,
Hazelgarth, Lanark

Supplies Officer and Master of Works : K. D. RITCHIE,
A.R.I.A.S., A.H.A., Law Hpl.

Engineer : JAMES FINDLAY,
Law Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Law Hpl., Carlruke, Lanarks.	Wishaw 621	K. D. Ritchie, A.H.A., A.R.I.A.S. F. N. Smartt, M.B., CH.B., M.D., B.A.O. (Med. Supt.) I. A. S. McLennan, R.G.N., R.F.N.	330				112						442	a, d, n, t
			336				56						392	
Road Meetings Infectious Diseases Hpl., Carlruke, Lanarkshire	Carlruke 2271	J. C. Macarthur, M.B., CH.B. (Med. Supt.) Miss E. U. Scott, R.G.N., R.F.N., C.M.B.				62	23					85	k, l, n	
						20						20		
County Hpl., Whitelees Road, Lanark.	Lanark 99	Miss Ellen McQuade, R.G.N., S.R.F.N., S.C.M. (Sister)							36*			36	m, n *Convalescent.	
									14	2	16			
Lockhart Hpl., Steele's Cross, Lanark	Lanark 38	Miss E. S. Cameron, S.R.N., C.M.B. (Matron)											n	
Kello Hpl., Biggar.	Biggar 77	J. W. Maxwell, R.G.N., S.C.M. (Matron)	12									12	l, m, n	
			2								2	30		
Wm. Smellie Maternity Hpl., Steele's Cross, Lanark	Lanark 582	H. J. Thomson, M.D., M.R.C.O.G., (Med. Supt.) Mrs. J. M. MacDougall, S.R.N., S.C.M., M.T.D.		30									22	
Lady Home Hpl., Douglas	Douglas (Lanark) 210	Mrs. M. Brown (Matron)	16	6										
T.B. Clinic, Health Institute, Low Pleasance, Larkhall	Larkhall 187		358	36		62	135				50	2	643	
			338			20	56					414		
		TOTAL BED COMPLEMENT												

29. Lanarkshire Mental Hospitals Board of Management

Secretary : A. H. McADAM, F.H.A., A.C.I.S.,
Kirklands Certified Institution
Tel.: Bothwell 3229

Chairman : JOHN MANN, C.B.E., J.P.,
2, Caldwell Terrace, Carnwath, Lanarkshire

Medical Superintendent : W. N. J. CHAPMAN, M.B., CH.B.,
D.P.H.,
Hartwood Mental Hpl.

Hospital	Telephone	Senior Officers	Bed Complement											Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.		
Hartwood Mental Hpl., Hartwood, Shotts, Lanarkshire.	Shotts 161	W. N. J. Chapman, M.B., CH.B., D.P.H. (Med. Supt.) Miss Jane M. Russell						1,537 49					1,537 49		f, l, m, v, w
Hartwoodhill Mental Hpl., Shotts, Lanarkshire.	Shotts 75	W. N. J. Chapman, M.B., CH.B., D.P.H. (Med. Supt.) Miss Jane M. Russell						300 60					300 60		l, m, v
Kirklands Certified Institution, Fallside Road, Bothwell, Lanarkshire.	Bothwell 3120	W. N. J. Chapman, M.B., CH.B., D.P.H. (Med. Supt.) Miss Margaret H. Gray										205	205		f, m, v, x
Birkwood Certified Institution, Lesmahagow, Lanarkshire.	Lesmahagow 20	W. N. J. Chapman, M.B., CH.B., D.P.H. (Med. Supt.) Mrs. Jane Davidson										104 116	104 116		v, x
TOTAL BED COMPLEMENT								1,837 109				309 116	2,146 225		

30. Paisley and District Hospitals Board of Management

Secretary : A. E. HUGHES, A.H.A.,
Royal Alexandra Inf.

Chairman : H. COCHRANE, J.P.,
Thorscrag, Paisley.

Medical Superintendent : (n.y.a.)

Maintenance Officer : THOMAS DUNCAN,
Royal Alexandra Inf.

Royal Alexandra Hpl., Barbour Park, Paisley, Renfrews.	Paisley 2146	A. E. Hughes Miss Mary L. Sims	220									220		a, l, n
Glen Coats Auxiliary Hpl., Ferguslie Park, Paisley, Renfrews.	Paisley 2073	A. E. Hughes Miss C. A. Kettles	50									50		l
Royal Victoria Eye Inf., Mansion House Road, Paisley, Renfrews.	Paisley 2318	Miss A. M. Kelly (Matron)	20									20		n
Barshaw Maternity Hpl., Glasgow Road, Paisley, Renfrews.	Paisley 2536	Margaret C. Gibson (Med. Supt.) Miss Robertson		35								35		n, o, p

30. Paisley and District Hospitals Board of Management—Cont.

Hospital	Telephone	Senior Officers	Bed Complement													
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total		
Infectious Diseases Hpl., Hawkhead Road, Paisley	Paisley 3162	Dr. Chas. D. Rigg (Med. Supt.) Miss J. Shearer				82 40	58							140 40		j, l, n
Johnstone & District Cottage Hpl., Cherrywood Road, Elderslie, Renfrewshire	Johnstone 8	Miss M. C. A. Dick (Matron)														n
Thornhill Maternity Hpl., Beith Road, Johnstone, Renfrews	Johnstone 530	Dr. W. G. MacKay (Med. Supt.) Miss M. C. Lang		41 8										41 8		n, o, p
Johnstone Infectious Diseases Hpl., Muirhead, Johnstone, Renfrews	Johnstone 2	Miss B. W. Dryburgh (Matron)				24 32	36							60 32		j, l
Johnstone Smallpox Hpl., Clippens, Johnstone, Renfrews	Johnstone 2															Only staffed in case of emergency
Peesweep Sanatorium, Caplaw Road, Paisley, Renfrews	Thornly Park 2035	Miss J. Ballantyne (Matron)					17							17		
Darnley Infectious Diseases Hpl., Nitshill, Glasgow	Barrhead 1421	Miss M. H. Maxwell (Matron)				35 30								35 30		
Paisley Orthopaedic and Rheumatic Clinic, 70, High Street, Paisley, Renfrews	Paisley 5353															
Russell Institute, Causeyside Street, Paisley, Renfrews	Paisley 3280															
T.B. Clinic, Glen Street, Barrhead	Barrhead 1231	Dr. Hugh Frew (Med. Supt.)														
T.B. Clinic, 105, Kilmarnock Road, Giffnock	Giffnock 5211	Dr. Hugh Frew (Med. Supt.)														
T.B. Clinic, Ludovic Square, Johnstone	Johnstone 278	Dr. Hugh Frew (Med. Supt.)														
T.B. Clinic, 8, High Street, Renfrew	Renfrew 2194	Dr. Hugh Frew (Med. Supt.)														
V.D. Clinic, Craw Road Hpl., Paisley	Paisley 2269	Dr. Chas. D. Rigg														
Craw Road Hpl., Craw Road, Paisley, Renfrews	Paisley 2269	John Craig Miss S. Fowle	167		72	10	27	120						396		l, n, wa
TOTAL BED COMPLEMENT			457	76 8	72	151 102	138	120						1014 110		

31. Greenock and District Hospitals Board of Management

Chairman: D. M'SWEIN,
3, Welbeck Street, Greenock

Secretary and Treasurer: R. L. HUTTON, F.H.A.,
Royal Inf. Tel.: Greenock 31

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
The Sanatorium, (4) Bridge of Weir, Renfrewshire	Bridge of Weir 341	Dr. H. Baxter (Med. Supt.) Miss M. A. Watson					200					200		
Royal Inf. (1) 2, Duncan Street, Greenock, Renfrew	Greenock 75	Wm. Paton Miss M. B. Crighton	173									173		a, n
Larkfield Hpl. (1) Larkfield Road, Greenock, Renfrewshire	Gourock 272	Wm. Paton Miss M. B. Crighton	80									80		n
Eye Inf. (3) Nelson Street, Greenock, Renfrew	Greenock 329	Miss E. McPartland (Matron)	15									15		
Ear, Nose & Throat Hpl., (3) Eldon Street, Greenock, Renfrew	Greenock 2074	Miss J. B. Slack (Matron)	22									22		
Rankin Memorial Hpls. (2) Inverkip Road, Greenock, Renfrew	Greenock 1688	Miss M. McLennan (Matron)	28	28								56		a, p
Gateside Infectious Diseases Hpl. (2) Grieve Road, Greenock, Renfrewshire	Greenock 701	Dr. A. Love (Med. Supt.) Miss B. Todd				124						124		j
Duncan M'Pherson Hpl. (3) Tower Drive, Gourock	Gourock 153	Miss A. B. Murdoch (Matron)	14									14		
Broadstone Hpl. (3) Brightside Avenue, Port Glasgow	Port Glasgow 56	Miss H. McArthur (Matron)	33									33		
T.B. Clinic, Shaw Place, Greenock, Renfrewshire														
V.D. Clinic, Greenock Royal Inf. (male) Wellpark, Greenock (female)														
T.B. Clinic, Gourock														
T.B. Clinic, Port Glasgow														
Wellpark Clinic, Greenock														
TOTAL BED COMPLEMENT			365	28		124	200					717		

31. Greenock and District Hospitals Board of Management—Cont.

(1) Group No. 1 Sub-Group	...	...	...	...	...	...	Senior Administrative Officer: (n.y.a.)
(2) Group No. 2 Sub-Group	...	...	...	...	...	...
(3) Group No. 3 Sub-Group	...	...	...	...	...	...
(4) Group No. 4 Sub-Group	...	...	...	...	...	...

Secretary and Treasurer : J. D. TIMOTHY,
Dykebar Mental Hpl.
Tel.: Thornly Park 2014

Chairman : J. T. GREY,
7, Woodlands Gate, Thornliebank

Engineer and Master of Works : JAS. POLLOCK,
Dykebar Mental Hpl.
Tel.: Thornly Park 2503

32. Renfrewshire Mental Hospitals Board of Management

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri	Total		P.P.
Paisley District Mental Hpl., Riccartsbar, Paisley, Renfrewshire	Paisley 2283	M. R. Knight, M.A., M.B., CH.B. (Med. Supt.) Miss Eliz. J. S. Doull						302				302		f, h, n, v, w
Dykebar Mental Hpl., Dykebar, Paisley, Renfrewshire	Thornly Park 2503	J. K. Grant, M.B., CH.B. Dipl. Psych. (Edin.) (Med. Supt.) Miss Marion Morrison						430				430		f, n, w
Broadfield Institution, Port Glasgow, Renfrewshire	Port Glasgow 132	Miss Margaret Morrison (Matron Supt.)							110			110		n x
Ravenscraig Hpl., Greenock, Renfrewshire	Greenock 2711	R. Haig Mitchell, M.B., CH.B., D.P.M. (Lond.) (Med. Supt.) Miss Ann C. McMillan	100				25	300				425		f, n, w
TOTAL BED COMPLEMENT			100				25	1032	110			1267		

33. Stirling and Clackmannan Hospitals Board of Management

Secretary and Treasurer : W. R. H. PEATTIE, F.H.A.,
1, Randolph Road, Stirling.
Tel. : Stirling 83

Chairman : R. H. MACONOCHE, O.B.E., K.C.,
Avontoun, Linlithgow.

Medical Superintendent : W. B. G. ANGUS, O.B.E.,
M.C., M.A., M.D., F.R.C.S.E.,
Stirling Royal Inf.

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Airthrey Castle Hpl., Bridge of Allan	Bridge of Allan 2105	W. R. H. Peattie, F.H.A. Dr. W. B. G. Angus (Med. Supt.) Miss N. Clark		30								30		n, o
Stirling Royal Inf., Livilands, Stirling	Stirling 16	W. R. H. Peattie, F.H.A. Dr. W. B. G. Angus (Med. Supt.) Miss J. Ritchie	205	25								230		a, n, o, p, t, u
Bannockburn Infectious Diseases Hpl., Bannockburn	Bannockburn 3116	W. R. H. Peattie, F.H.A. Dr. W. B. G. Angus (Med. Supt.) Miss M. Clark				36	3					39		k
Kildean Infectious Diseases Hpl., Drip Road, Stirling	Stirling 95	W. R. H. Peattie, F.H.A. Dr. W. B. G. Angus (Med. Supt.) Miss M. F. Milne (Sister-in-charge)				35 15						35 15	35	n
County Accidents Hpl., Ashley Terrace, Alloa	Alloa 111	W. R. H. Peattie, F.H.A. Dr. W. B. G. Angus (Med. Supt.) Miss A. Knox	45									45		c, n
Clackmannan Infectious Diseases Hpl., Sunnyside, Alloa	Alloa 60	W. R. H. Peattie, F.H.A. Dr. W. B. G. Angus (Med. Supt.) Miss E. Inglis				48 23	10					58 23		k
Touch Auxiliary Hpl., By-Stirling	Stirling 5	W. R. H. Peattie, F.H.A. Dr. W. B. G. Angus (Med. Supt.) Miss A. MacLean					36				4	40		
Orchard House, Stirling	Stirling 272	Alexander MacPhail Dr. W. B. G. Angus (Med. Supt.) Miss A. W. P. Wilson	100								114*	214		*Part III accommoda- tion.
TOTAL BED COMPLEMENT			350	55		119 38	49				114	691 38	4	35

34. Falkirk and District Hospitals Board of Management

Secretary and Treasurer : M. D. KENNEDY,
14, Princes Street, Falkirk.
Tel. : Falkirk 83

Supplies Officer : WILLIAM MITCHELL,
Falkirk and District Royal Inf.

Chairman : Provost P. SYMON,
27, Wall Street, Camelon, Falkirk

Medical Superintendent, JOHN PARK, M.B., CH.B.,
Falkirk and District Royal Inf.

Engineer : JOHN NISBET,
Falkirk and District Royal Inf.

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
Falkirk & District Royal Inf., Gartcows, Major's Loan, Falkirk, Stirlingshire	Falkirk 710/1	Dr. John Park (Med. Supt.) Miss Anna Dick	153	25	25	8	5					216	29	a, d, l, n, o, p, t, u
Falkirk Infectious Diseases Hpl., Slamannan Road, Falkirk, Stirlingshire	Falkirk 156	Miss M. Johnstone (Matron)				32	24					56		j, l, n, u
Denny & Duniplace Hpl. Duke Street, Denny, Stirlingshire	Denny 343	Miss Julia Hamilton (Matron)	13									13		u
Camelon Infectious Disease Hpl., Glasgow Road, Camelon, Stirlings.	Falkirk 3	Miss G. G. Gough (Matron)				38	26					64		k, l, n
T.B. Clinic, Kerse Lane, Falkirk, Stirlingshire	Falkirk 946	Dr. John Finlayson (Med. Supt.)												
Blinkbonny Hpl., 1, Hurworth Street, Falkirk, Stirlingshire	Falkirk 244	Dr. J. D. Finlayson (Med. Supt.) Miss Jean Cameron			75				89			164		n, xa
TOTAL BED COMPLEMENT			166	25	100	78	55		89			513	29	

35. Kirkintilloch and Kilsyth Hospital Board of Management

Secretary and Treasurer : D. D. MACLEOD, F.H.A.,
Broomhill Home, Kirkintilloch

Chairman : D. J. THOMPSON,
Moraybank, Lenzie

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
Victoria Memorial Hpl., Kilsyth, Stirlingshire	Kilsyth 2172	D. D. MacLeod, F.H.A. Miss A. McDermott	10									10		"
Broomhill Home, Kirkintilloch, Dumbartonshire	Kirkintilloch 2224	D. D. MacLeod, F.H.A. Miss S. Glen			68 56							68 56		"
Lanfne Home, Kirkintilloch, Dumbartonshire	Kirkintilloch 2224	D. D. MacLeod, F.H.A. Miss S. Glen					20 15					20 15		"
		TOTAL BED COMPLEMENT	10		68 56		20 15					98 71		

36. Bellsdyke Mental Hospital Board of Management

Secretary and Treasurer : D. M. JOHNSTON, C.A., F.H.A.,
The Royal Scottish National Institution,
Larbert, Stirlingshire.
Tel.: Larbert 306

Chairman : A. CUNNINGHAM, J.P.,
35, Johnston Avenue, Stenhousemuir

Supplies Officer : T. M. FRASER, F.H.A.,
Bellsdyke Mental Hpl.

Medical Superintendent : J. A. JENKINS, M.B., CH.B.,
Bellsdyke Mental Hpl.

Bellsdyke Mental Hpl., Larbert, Stirlingshire	Larbert 306	D. M. Johnston, C.A., CH.B., F.H.A., J. A. Jenkins, M.B., CH.B. (Med. Miss Mary Sullivan (Supt.)						1158 92				1158 92		f, n, w
		TOTAL BED COMPLEMENT						1158 92				1158 92		

37. The Royal Scottish National Institution Board of Management

Secretary and Treasurer : D. M. JOHNSTON, C.A., F.H.A.,
The Royal Scottish National Institution
Tel.: Larbert 3

Chairman : Capt. C. A. SALVESEN, M.C., J.P.,
Wallacerigg, Polmont

Medical Superintendent : T. R. C. SPENCE, M.C., M.B., CH.B.,
(Edin.), DIPL. PSYCH.,
The Royal Scottish National Institution

Supplies Officer : (vacant)

The Royal Scottish National Institution, Larbert, Stirlingshire	Larbert 3	D. M. Johnson, C.A., F.H.A., T. R. C. Spence, M.C., M.B., CH.B., (Med. Supt.) Miss Jean R. Cummings						709 90			51	760 90		g, n, x
		TOTAL BED COMPLEMENT						709 90			51	760 90		

BLOOD TRANSFUSION SERVICES

I.—ENGLAND AND WALES

With the inauguration of the National Health Service, responsibility for the administration for the blood transfusion services was transferred to regional hospital boards as part of the hospital and specialist services provided under Section 3 of the National Health Service Act, 1946.

Functions for which regional hospital boards are responsible are as follows :—

- (1) provision of accommodation, equipment (other than that supplied centrally) and staff for the regional transfusion centres, a list of which is given below ;
- (2) organisation and maintenance of donor panels ; enrolment and call-up of donors, and co-ordination for this purpose of voluntary donor organisations ;
- (3) bleeding of donors, including the appropriate tests, and simple medical examination of all donors ;
- (4) investigation of complaints and settlement of claims for compensation ;
- (5) maintenance of blood banks, other than those maintained by individual hospitals for their own purposes, and distribution to teaching and non-teaching hospitals, including service hospitals, of whole blood, blood products obtained from central sources and transfusion apparatus ;
- (6) assembly, maintenance and distribution of sterile transfusion equipment.
- (7) production of blood plasma and serum for central purposes ;
- (8) giving of transfusions to patients by arrangement with hospital management committees and boards of governors.

Certain functions of the service are performed centrally, these being :—

- (i) preparation of direct plasma and other human blood products for distribution in accordance with the demands of regional hospital boards and, to a limited extent, overseas (the Forces, N. Ireland, parts of the Commonwealth, etc.). This work is carried out on the Minister's behalf by the Blood Products Research Unit of the Medical Research Council ;
- (ii) preparation and distribution of grouping sera (prepared, to international standards, by the Blood Group Reference Laboratory at the Lister Institute, Chelsea) to regional transfusion centres and overseas ;
- (iii) Supply of standard materials and equipment ;
- (iv) Certain aspects of National publicity ;
- (v) National statistics, which are made available to regional hospital boards.

Regional Transfusion Centre	Regional Blood Transfusion Officer and address	Telephone Number
NEWCASTLE	Dr. T. H. Boon, Regional Blood Transfusion Centre, 78, Jesmond Road, Newcastle-upon-Tyne, 2.	Jesmond 2992.
LEEDS	Dr. T. S. Marshall, Regional Blood Transfusion Centre, Bridle Path, York Road, Seacroft, Leeds, 8.	Leeds 45091-3.
SHEFFIELD	Dr. R. H. Malone, Regional Blood Transfusion Centre, Northfield Road, Crookes, Sheffield, 10.	Sheffield 63271.
CAMBRIDGE	Dr. C. B. V. Walker, Regional Blood Transfusion Centre, Brooklands Avenue, Cambridge.	Cambridge 2536.
NORTH LONDON	Dr. J. Shone, North London Blood Supply Depot, Shaftesbury Avenue, New Barnet, Herts.	Barnet 0165.
SOUTH LONDON	Dr. R. A. Zeitlin, South London Blood Supply Depot, Benhill Avenue, Sutton, Surrey.	Vigilant 0068.
(SUB-DEPOT)	Dr. R. A. Zeitlin, South London Blood Supply Sub-Depot, 3, Tonbridge Road, Maidstone, Kent.	Maidstone 4468.

<i>Regional Transfusion Centre</i>	<i>Regional Blood Transfusion Officer and address</i>	<i>Telephone Number</i>
OXFORD	Dr. J. Grant, Regional Blood Transfusion Centre, Churchill Hospital, Headington, Oxford.	Oxford 61316.
BRISTOL	Dr. G. H. Tovey, Regional Blood Transfusion Centre, Southmead, Bristol.	Bristol 68021-3.
(SUB-CENTRE) .. .	Dr. F. Pote, Regional Blood Transfusion Sub-Centre, South Devon and East Cornwall Hospital, Freedom Fields, Plymouth.	Plymouth 5021 (Ext.3).
CARDIFF	Dr. R. J. Drummond, Regional Blood Transfusion Centre, Welsh Board of Health, 19, Newport Road, Cardiff.	Cardiff 4520 and 1.
BIRMINGHAM .. .	Dr. E. Weiner, Regional Blood Transfusion Centre, 17, Highfield Road, Birmingham, 15.	Edgbaston 1182 and 3.
LIVERPOOL	Dr. D. Lehane, Regional Blood Transfusion Centre, 102-104, Whitechapel, Liverpool, 1.	Liverpool Royal 6314-6.
MANCHESTER .. .	Dr. F. Stratton, Regional Blood Transfusion Centre, Royal Infirmary, Manchester, 13.	Ardwick 3832.

II.—SCOTLAND

At the invitation of the Secretary of State, the Scottish National Blood Transfusion Association provides the Blood Transfusion Service in Scotland. The Association is a voluntary body aided by Exchequer grant of the Department of Health for Scotland, and the Scottish Regional Hospital Boards are represented on its Council.

The Secretary of the Association is Mr. C. S. Gumley, W.S., and the head office is at 10 Duke Street, Edinburgh, 1. (Telephone 21248-9.)

<i>Area Served.</i>	<i>Regional Director and Address.</i>	<i>Telephone Number.</i>
Glasgow and West of Scotland	Dr. John Wallace, 15, North Portland Street, Glasgow, C.1.	Glasgow Bell 4111.
Edinburgh and South-East of Scotland	Dr. R. A. Cumming, Clinical Laboratory, Royal Infirmary, Edinburgh.	Edinburgh 26031.
East of Scotland .. .	Dr. Sheila Maw, The Royal Infirmary, Dundee.	Dundee 3125.
North-East of Scotland ..	Professor John Cruickshank, Bacteriology Department, Foresterhill, Aberdeen.	Aberdeen 6060.
North of Scotland .. .	Dr. H. J. R. Kirkpatrick, Pathology Department, The Royal Northern Infirmary, Inverness.	Inverness 770.

STATISTICAL INFORMATION

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STATISTICAL INFORMATION
A-BED STATISTICS—NATIONAL HEALTH SERVICES
England and Wales—Non Teaching Hospitals

For explanation of bed categories, italic figures, etc., see Directory Notes on page 65. The additional column "Extra" used in the tables below covers hospital beds available under "joint-user" arrangements in institutions owned by other authorities.

Region	Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Extra	Notes
1. Newcastle	6,799a 510	817 20	2,030 74	1,774 671	2,059 222	6,969 175	2,318 94	667b 392	168	23,601 2,158	97	543	a Includes 538 Acute or Mat. beds. b Includes 304 Part III or Children Act beds.
2. Leeds	6,833 1,150	1,162 81	3,981 438	1,654 787	2,270 213	11,770c 44	2,575 270	521 197	382	31,148 3,180	—	896	c Includes 145 Men. or M.D. beds.
3. Sheffield	8,167d 526	1,725 165	3,783 408	1,740 929	1,973 333	10,650e 518	3,325 400	1,578f 657	406 78	33,347 4,034	341	1,059	d Includes 16 Acute or Mat. beds. e Includes 236 Men. or M.D. beds. f Includes 257 Part III or Children Act beds.
4. East Anglian	2,451 476	404 63	1,973 55	584 129g	760 205	4,522 75	1,167 56	334	98	12,293 1,070	44	368	g Includes 34 I.D. or T.B. beds.
5. N.W. Metropolitan	8,661h 1,805i	1,626 115	2,260 367	769 842	1,960 645	10,958 458	3,818 37	2,188j 988	285 41	32,525 5,298	53	193	h Includes 51 Acute or Chr. beds. i Includes 22 Acute or Mat. beds.
6. N.E. Metropolitan	8,095 2,143k	1,529 125	4,204 478	1,044 1,556	1,392 305	9,084l 317	2,835 76	689n 1,212	155	29,027 6,212	162	273	j Includes 427 Part III or Children Act beds. k Includes 138 Acute or Mat. beds. l Includes 130 Men. or M.D. beds.
7. S.E. Metropolitan	8,579 3,882	1,336 182	3,373 670	1,114 927	1,675 444	8,445o 528	5,269 1,031	1,180p 3,226	348 10	31,319 10,900	52	514	n Includes 100 Part III or Children Act beds. o Includes 87 Men. or M.D. beds. p Includes 164 Part III or Children Act beds.
8. S.W. Metropolitan	11,697q 1,759	1,715 124	5,272 523	1,586 1,333	2,486 286	27,467 2,372	7,002 488	1,866r 1,607	496 14	59,587 8,506	181	566	q Includes 413 Acute or Chr. beds. r Includes 306 Part III or Children Act beds.
9. Oxford	2,670 71	452 10	2,240 190	513 198	514 23	4,502	1,377 71	291s	186 8	12,745 571	11	307	s Includes 33 Part III or Children Act beds.
10. South Western	6,681 244	1,064 70	4,673 186	1,305 381	1,746 56	10,076 289	5,872 117	770t 10	457 15	32,644 1,368	297	718	t Includes 110 Part III or Children Act beds.
11. Wales	6,286 124	1,103 56	2,420 38	1,392 343	2,102 130	7,780	2,003 56	1,066u	150	24,302 747	31	280	u Includes 608 Part III or Children Act beds.
12. Birmingham	9,113 1,045	1,480 175	5,165 214	2,200 771	2,057 259	11,767 750	5,598 24	481v 152	475 36	38,336 3,426	49	1,086	v Includes 13 Part III or Children Act beds.
13. Manchester	10,382 909	1,919 99	5,533 201	1,807 1,173	2,339 268	13,155 98	6,560	884x 24	571 10	43,150 2,782	207	921	x Includes 558 Part III or Children Act beds.
14. Liverpool	6,457 629	1,023	2,130 234	1,229 324	1,705 132	8,053 263	438 70	496 31	241	21,772 1,683	50	794	
TOTAL BED COMPLEMENT	102,871* 15,062†	17,355 1,185	49,037 4,076	18,711 10,364‡	25,038 3,541	145,198§ 5,887	50,157 2,790	13,011|| 8,707	4,418 323	425,796 51,935	1,575	8,518	

* Includes 554 Acute or Mat. and 464 Acute or Chr. beds. † Includes 160 Acute or Mat. beds. ‡ Includes 34 I.D. or T.B. beds. § Includes 598 Men. or M.D. beds. || Includes 2,880 Part III or Children Act beds.

England and Wales—Teaching Hospitals

	Acute	Mat.	Chr.	I.D.	T.B.	Psych.	Other	Pri.	Total	P.P.*	Notes
Provinces	9,006	900	517	153	62	75	516a	657	11,886	27	a Includes 66 Part III beds.
London	130	—	—	60	—	—	—	10	200	—	
	9,676	914	210	150	700	663	985	896	14,194	253	
	341	123	—	11	365	72	214	59	1,185	—	
TOTAL BED COMPLEMENT	18,682	1,814	727	303	762	738	1,501*	1,553	26,080	280	* Includes 66 Part III beds.
	471	123	—	71	365	72	214	69	1,385	—	

Scotland

	Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Extra	Notes
Northern	764	95	54	177	144	42	931	—	29	2,236	16	22	a Includes 20 Part III beds.
North Eastern	32	49	15	61	46	—	—	—	4	207	—	—	
	1,361	284	268	381	390	1,939	103	136a	102	4,964	269	187	
Eastern	28	—	—	90	—	342	—	—	18	478	—	—	
	2,218	192	170	473	652	2,280	350	236	167	6,738	5	—	
South Eastern	378	—	26	90	92	70	—	35	24	715	—	—	b Includes 140 Part III beds.
	3,617	503	586	714	1,046	3,744	632	625	404	11,871	15	24	
Western	230	55	46	568	163	—	100	10	—	1,172	—	—	
	8,812	1,840	560	3,132	3,824	11,362	2,907	534b	402	33,373	542	943	
	1,862	66	56	1,023	789	761	116	9	40	4,772	—	—	
TOTAL BED COMPLEMENT	16,772	2,914	1,638	4,877	6,056	19,367	4,923	1,531*	1,104	59,182	847	1,176	* Includes 160 Part III beds.
	2,530	170	143	1,832	1,090	1,173	216	54	86	7,294	—	—	

Summary—Great Britain

	Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Extra	Notes
England and Wales (Hospital Management Committees)	102,871	17,355	49,037	18,711	25,038	145,198	50,157	13,011	4,418	425,796	1,575	8,518	§ Includes 598 Men. or M.D. beds. || Includes 3,106 Part III or Children Act beds.
England and Wales (Teaching Hospitals)	15,062	1,185	4,076	10,364	3,541	5,887	2,790	8,707	323	51,935	—	—	
	18,682	1,814	727	303	762	738	—	1,501	1,553	26,080	280	—	
Scotland	471	123	—	71	365	72	—	214	69	1,385	—	—	
	16,772	2,914	1,638	4,877	6,056	19,367	4,923	1,531	1,104	59,182	847	1,176	
	2,530	170	143	1,832	1,090	1,173	216	54	86	7,294	—	—	
TOTAL BED COMPLEMENT	138,325*	22,083	51,402	23,891	31,856	165,303§	55,080	16,043||	7,075	511,058	2,622	9,694	
	18,063†	1,478	4,219	12,267†	4,996	7,132	3,006	8,975	478	60,614	—	—	

* Includes 554 Acute or Mat. beds and 464 Acute or Chr. beds. † Includes 160 Acute or Mat. beds. ‡ Includes 34 I.D. or T.B. beds. § Includes 598 Men. or M.D. beds. || Includes 3,106 Part III or Children Act beds.

B. FINANCE—NATIONAL HEALTH SERVICES HOSPITAL, SPECIALIST AND ANCILLARY SERVICES

Estimated Expenditure

(Figures taken from the Civil Estimates for year ending 31st March, 1950)

I.—ENGLAND AND WALES

Service	1949/50		1948/49 (9 months)	
	£	£	£	£
ENGLAND				
Regional Hospital Boards :				
Capital Expenditure	7,000,000		5,251,000	
Maintenance and running costs, including specialist services	133,000,000	140,000,000	98,688,000	103,939,000
Teaching Hospitals :				
Capital Expenditure	1,935,000		1,656,000	
Maintenance and running costs, including specialist services	22,000,000	23,935,000	16,505,000	18,161,000
Acquisition of Land, Hospitals and Equipment :				
Acquisition of land	3,000,000		250,000	
Acquisition of hospitals	100		—	
Acquisition of hospital equipment, &c. ..	100	3,000,200	—	250,000
Payments to the Ministry of Pensions* :				
Medical treatment	5,000		19,000	
Surgical appliances—supply, renewal and repair	1,875,000		473,000	
Travelling and other incidental expenses ..	22,000	1,902,000	8,000	500,000
Research—Expenses of Minister of Health in connection with :				
Special inquiries into diseases	15,600		8,260	
Other services	5,700	21,300	5,740	14,000
Bacteriological Service, &c.* :				
Public Health laboratories	730,000		557,000	
Lister Institute (for production of lymph) ..	18,000		17,500	
Toxoids, &c., for immunisation	22,000		31,000	
Other services	20,000	790,000	9,500	615,000
WALES				
Regional Hospital Boards :				
Capital expenditure	350,000		170,000	
Maintenance and running cost, including specialist services	6,830,000	7,180,000	5,475,000	5,645,000
Teaching Hospitals :				
Capital expenditure	185,000		39,000	
Maintenance and running costs, including specialist services	500,000	685,000	429,500	468,500
Acquisition of Land, Hospitals and Equipment :				
Acquisition of land	15,000		1,000	
Acquisition of hospitals	500		—	
Acquisition of hospital equipment, &c. ..	500	16,000	—	1,000
Research—Expenses of Minister in connection with :				
Pneumoconiosis	500		3,000	
Other services	1,000	1,500	1,000	4,000
TOTAL—ENGLAND AND WALES		177,531,000		129,597,500

* These services relate jointly to England and Wales.

II.—SCOTLAND

Service	1949/50		1948/49 (9 months)	
	£	£	£	£
Regional Hospital Boards :				
Capital expenditure	1,000,000		840,000	
Maintenance and running costs, including specialist services and expenses of Medical Education Committees	22,200,000	23,200,000	14,160,000	15,000,000
Acquisition of Land, Hospitals and Equipment :				
Acquisition of land	180,000		40,000	
Acquisition of hospitals	100,000		15,000	
Acquisition of hospital equipment, &c. ..	20,000	300,000	5,000	60,000
Payments to the Ministry of Pensions :				
Surgical appliances—supply, renewal and repair	207,000		} 1,000	
Medical treatment (limb cases)	500			
Travelling expenses, &c.	2,500	210,000		1,000
Hospital Endowments Commission :				
Payments to members in respect of loss of remunerative time, travelling and subsistence expenses	900		900	
Incidental expenses	100	1,000	100	1,000
Health Centres—Expenditure by Secretary of State:				
Capital expenditure		20,000		—
Ambulance Service :				
Payments on behalf of Regional Hospital Boards for capital expenditure	120,000		35,000	
Payments to Regional Hospital Boards for contract services	350,000		205,000	
Other expenditure	80,000	550,000	60,000	300,000
Research—Expenses of Secretary of State in connection with :				
Special enquiries into diseases	18,000		8,000	
Grants to other bodies	1,000		5,000	
Other services	1,000	20,000	2,000	15,000
Bacteriological Service :				
Cost of laboratory services	80,000		60,000	
Cost of toxoids, &c., for immunisation ..	9,000		4,000	
Other services	1,000	90,000	1,000	65,000
Blood Transfusion Service, &c. :				
Provision of human blood for transfusion purposes	78,000		36,000	
Provision of infusion fluids, &c.	2,000	80,000	2,000	38,000
TOTAL		24,471,000		15,480,000
TOTAL—GREAT BRITAIN		202,002,000		145,077,500

HOSPITAL, SPECIALIST AND ANCILLARY SERVICES

Summary of Estimated Expenditure—Great Britain

<i>Service</i>	1949/50	1948/49 (9 months)
	£	£
Regional Hospital Boards.. .. .	170,380,000	124,584,000
Teaching Hospitals (England and Wales)	24,620,000	18,629,500
Acquisition of Land, Hospitals and Equipment	3,316,200	311,000
Payments to Ministry of Pensions	2,112,000	501,000
Research Expenses.. .. .	42,800	33,000
Bacteriological Service, etc.	880,000	680,000
Hospital Endowments Commission (Scotland)	1,000	1,000
Health Centres (Scotland)	20,000	—
Ambulance Service (Scotland)	550,000	300,000
Blood Transfusion Service, etc. (Scotland)	80,000	38,000
TOTAL	202,002,000	145,077,500

ANALYSIS OF MAINTENANCE EXPENDITURE OF REGIONAL HOSPITAL BOARDS AND TEACHING HOSPITALS—1949/50

The following is an analysis of the estimated maintenance expenditure for 1949/50 of Regional Hospital Boards and Boards of Governors of Teaching Hospitals.

(Figures from the Civil Estimates for the year ending 31st March, 1950)

I—ENGLAND

	Regional Hospital Boards	Boards of Governors of Teaching Hospitals	Totals
	£	£	£
<i>Hospital Maintenance Service Expenditure</i>			
Salaries and Wages:			
Medical staff (including specialists) ..	13,970,000	4,228,000	18,198,000
Nursing staff	27,099,000	3,239,000	30,338,000
Other staff	33,793,000	5,951,000	39,744,000
Provisions	14,842,000	1,870,000	16,712,000
Staff uniforms and clothing	805,000	180,000	985,000
Patients' clothing	919,000	26,000	945,000
Drugs and dressings	4,284,000	907,000	5,191,000
Medical and surgical appliances and equipment	1,365,000	962,000	2,327,000
Fuel, light and power	7,732,000	1,100,000	8,832,000
Water	606,000	76,000	682,000
Laundry	1,560,000	270,000	1,830,000
Maintenance of buildings, plant and grounds	5,186,000	952,000	6,138,000
Domestic repairs, renewals and replacements	4,498,000	924,000	5,422,000
Printing, Stationery, &c.	1,449,000	391,000	1,840,000
Rents and rates	2,404,000	271,000	2,675,000
Ambulance and other transport	624,000	130,000	754,000
Canteens and shops	965,000	127,000	1,092,000
Farms and gardens	1,242,000	26,000	1,268,000
Occupational therapy	470,000	47,000	517,000
Miscellaneous	1,749,000	142,000	1,891,000
	125,562,000	21,819,000	147,381,000
<i>Administrative Expenditure</i>			
Hospital Management Committees	2,498,000	—	2,498,000
Regional Hospital Boards	899,000	—	899,000
Boards of Governors	—	128,000	128,000
<i>Other Expenditure</i>			
Cost of maintaining patients in hospitals not vesting in the Minister	1,257,000	12,000	1,269,000
Expenditure under user agreements with local authorities	1,254,000	16,000	1,270,000
Blood Transfusion Service	720,000	—	720,000
Miscellaneous	810,000	25,000	835,000
TOTALS£	133,000,000	22,000,000	155,000,000

II—WALES

	<i>Regional Hospital Boards</i>	<i>Boards of Governors of Teaching Hospitals</i>	<i>Totals</i>
	£	£	£
<i>Hospital Maintenance Service Expenditure</i>			
Salaries and Wages:			
Medical staff (including specialists) ..	594,000	110,000	704,000
Nursing staff	1,815,000	73,000	1,888,000
Other staff	1,433,000	130,000	1,563,000
Provisions	877,000	45,000	922,000
Staff uniforms and clothing	39,000	4,000	43,000
Patients' clothing	55,000	1,000	56,000
Drugs and dressings	139,000	16,000	155,000
Medical and surgical appliances and equipment	100,000	10,000	110,000
Fuel, light and power	414,000	23,000	437,000
Water	38,000	2,000	40,000
Laundry	13,000	1,000	14,000
Maintenance of buildings, plant and grounds	260,000	22,000	282,000
Domestic repairs, renewals and replacements	240,000	15,000	255,000
Rents and rates	120,000	5,000	125,000
Printing, stationery, &c.	60,000	9,000	69,000
Ambulance and other transport	40,000	2,000	42,000
Canteens and shops	25,000	—	25,000
Farms and gardens	83,000	3,000	86,000
Occupational therapy	19,000	1,000	20,000
Miscellaneous	84,000	21,000	105,000
	6,448,000	493,000	6,941,000
<i>Administrative Expenditure</i>			
Hospital Management Committees	120,000	—	120,000
Regional Hospital Boards	68,000	—	68,000
Boards of Governors	—	7,000	7,000
<i>Other Expenditure</i>			
Cost of maintaining patients in hospitals not vesting in the Minister	3,000	—	3,000
Expenditure under user agreements with local authorities	72,000	—	72,000
Blood Transfusion Service	48,000	—	48,000
Miscellaneous	71,000	—	71,000
TOTALS£	6,830,000	500,000	7,330,000

III—SCOTLAND

	Regional Hospital Boards*
<i>Hospital Maintenance Service Expenditure</i>	£
Salaries and Wages:	
Medical staff (including specialists)	3,109,000
Nursing staff	4,222,000
Other staff	4,344,000
	11,675,000
Provisions	2,500,000
Staff uniforms and clothing	137,000
Patients' clothing	183,000
Drugs and dressings	950,000
Medical and surgical appliances and equipment	350,000
Fuel, light, power and water	1,124,000
Laundry	376,000
Maintenance of buildings, plant and grounds	1,100,000
Domestic repairs, renewals and replacements	900,000
Rents and rates	860,000
Printing, stationery, &c.	370,000
Transport and travelling	240,000
Farms and gardens	36,000
Occupational therapy	14,000
Miscellaneous	100,000
	20,915,000
<i>Administrative Expenditure</i>	
Boards of Management	493,000
Regional Hospital Boards	292,000
<i>Other Expenditure</i>	
Cost of maintaining patients in hospitals not vesting in the Secretary of State	140,000
Expenditure under user agreements with local authorities	260,000
Miscellaneous	100,000
TOTAL	£22,200,000

* N.B.—Teaching hospitals are not separately administered in Scotland as in England, and therefore the expenditure of teaching hospitals in Scotland is included in the Regional Hospital Board figures.

NATIONAL HEALTH SERVICES

Summary of Total Estimated Expenditure

(Figures taken from the Civil Estimates for the year ending 31st March, 1950)

Service	1949/50	1948/49 (9 months)
	£	£
ENGLAND:		
Central Health Services Council, etc.	16,000	10,000
Hospital, Specialist and Ancillary Services	169,648,500	123,479,000
Services provided by Local Health Authorities	13,275,000	8,758,000
General Medical and Dental Services, Pharmaceutical Services and Supplementary Ophthalmic Services	95,661,800	75,340,500
Other services	18,597,000	27,518,542
WALES:		
Hospital, Specialist and Ancillary Services	7,882,500	6,118,500
Services provided by Local Health Authorities	750,000	525,000
General Medical and Dental Services, Pharmaceutical Services and Supplementary Ophthalmic Services	6,730,800	4,981,000
Other Services	108,000	866,000
GROSS TOTAL—ENGLAND AND WALES	312,669,600	247,596,542
Deduct Appropriations in Aid	84,245,000	62,165,400
NET TOTAL—ENGLAND AND WALES	228,424,600	185,431,142
SCOTLAND:		
Scottish Health Services Council, etc.	1,000	1,000
Hospital, Specialist and Ancillary Services	24,471,000	15,480,000
Services provided by Local Health Authorities	1,100,000	950,000
General Medical and Dental Services, Pharmaceutical Services and Supplementary Ophthalmic Services	12,553,000	10,070,000
Other Services	1,530,000	1,807,000
GROSS TOTAL—SCOTLAND	39,655,000	28,308,000
Deduct Appropriations in Aid	8,352,000	5,401,000
NET TOTAL—SCOTLAND	31,303,000	22,907,000
NET TOTAL—GREAT BRITAIN	259,727,600	208,338,142

NORTHERN IRELAND HOSPITAL SERVICE

NORTHERN IRELAND HOSPITALS AUTHORITY

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HOSPITALS IN NORTHERN IRELAND

Grouped under Hospital Management Committees

**Denotes paying patients received.*

<i>Management Committee</i>	<i>Hospital</i>	<i>Telephone</i>	<i>Beds</i>	<i>Type of Hospital</i>
Belfast <i>Sec. : L. H. Reid,</i> Royal Victoria Hospital	Royal Victoria Hospital, Grosvenor Road, Belfast	22822	648	*General
	Royal Maternity Hospital, Grosvenor Road, Belfast	27642	104	*Maternity
	Royal Belfast Hospital for Sick Children, Falls Road, Belfast	22441	150	*General
	Claremont Street Hospital, Claremont Street, Belfast	21727	61	*Nervous Diseases
South Belfast <i>Sec. : H. Miller, M.Comm.,</i> Belfast City Hospital	Belfast City Hospital, Lisburn Road, Belfast	20861	1,382 134	General Maternity
	Musgrave Park Hospital, Balmoral, Belfast	67693	550	General
Belfast Ophthalmic and Benn <i>Sec. : Miss R. E. Abernethy,</i> Benn Hospital	Belfast Ophthalmic Hospital, Gt. Victoria Street, Belfast	25101	32	*Ophthalmic
	Benn Hospital, Clifton Street, Belfast	23747	54	*Ophthalmic and E.N.T
Ulster <i>Sec. : Miss K. N. Kelly, B.Sc.</i>	Ulster Hospital for Children and Women, Whitehall Parade, Belfast	42242	77	*Women and Children
Samaritan <i>Sec. : Mrs. E. Will</i>	Samaritan Hospital, Lisburn Road, Belfast	22943	56	*Gynaecology, etc.
Northern Ireland Fever <i>Sec. : R. F. Harder</i>	Northern Ireland Fever Hospital, Purdysburn, Belfast	41212	399	Fever
Forster Green <i>Sec. : (Vacant)</i>	Forster Green Hospital, Fort-breda, Belfast	41261	208	*Chest
East Antrim <i>Sec. : R. T. Spence,</i> Moyle Hospital	Moyle Hospital, Larne, Co. Antrim	96	167 60	*General *Fever
	Smiley Hospital, Larne, Co. Antrim	47	23	*General
	Sir Thos. and Lady Edith Dixon Hospital, Cairndhu, Larne	Ballygally 34	40	General
	Carrickfergus Hospital, Carrickfergus, Co. Antrim	3151	25	General
South Antrim <i>Sec. : J. M. Shirley,</i> Lagan Valley Hospital	Lisburn Hospital, Lisburn, Co. Antrim	2224	60	*General
	Lagan Valley Hospital, Lisburn, Co. Antrim	3117	197	*General

<i>Management Committee</i>	<i>Hospital</i>	<i>Telephone</i>	<i>Beds</i>	<i>Type of Hospital</i>
Mid-Antrim <i>Sec. : W. R. Clark, A.C.A., Massereene Hospital</i>	Waveney Hospital, Ballymena, Co. Antrim	555	184 62	*General Fever
	Ballymena Cottage Hospital, Ballymena, Co. Antrim	534	25	*General
	Massereene Hospital, Antrim	3113	188	*General
	Cushendall Hospital, Cushendall, Co. Antrim	202	17	Children
	Braid Valley Hospital, Ballymena, Co. Antrim	228	200	Geriatric
North Antrim <i>Sec. : R. G. Thompson, Robinson Memorial Hpl.</i>	Route Hospital, Ballymoney, Co. Antrim	53	95 35	*General Fever
	Robinson Memorial Hospital, Ballymoney, Co. Antrim	100	34	*General
	Dalriada Hospital, Ballycastle, Co. Antrim ¹	333	93	*General
Coleraine and Portrush <i>Sec. : Miss O. M. Bloomfield, 12, Bridge Street, Coleraine (Coleraine 587)</i>	Bann View Hospital, Coleraine, Co. Derry	146	101	General
	Ratheane Hospital, Coleraine, Co. Derry	52	30	*General
	Mary Ranken Hospital, Coleraine, Co. Derry	414	14	*Maternity
	Hopefield Hospital, Portrush, Co. Antrim	2322	40	*General
North-West <i>Sec. : R. McCarter, Londonderry City and County Hospital</i>	Londonderry City and County Hospital, Londonderry	2190	92	*General
	Londonderry North-West Eye, Ear and Throat Hospital, Londonderry	2431	26	*Eye and E.N.T.
	Waterside Hospital, Londonderry	3089	143 96	General Fever
	Roe Valley Hospital, Limavady, Co. Derry	37	72	*General
Fermanagh <i>Sec. : Miss M. E. Kidd, A.C.I.S., Fermanagh County Hpl.</i>	Fermanagh County Hospital, Enniskillen, Co. Fermanagh	2332	78	*General
	Erne Hospital, Enniskillen, Co. Fermanagh	2266	89 30	General Fever
West-Tyrone <i>Sec. : D. B. T. Scott, A.H.A., Tyrone County Hospital</i>	Omagh General Hospital, Omagh, Co. Tyrone	243	48 33	General Fever
	Derg Valley Hospital, Castlederg, Co. Tyrone	213	32	General
	Strabane Hospital, Strabane, Co. Tyrone	212	73	*General
	Tyrone County Hospital, Omagh, Co. Tyrone	250	122	*General
South-Tyrone <i>Sec. : C. A. Irwin,</i>	South Tyrone Hospital, Dungannon, Co. Tyrone	86	174 72	General Fever
North-Armagh <i>Sec. : I. E. Bell, F.H.A., A.S.A.A., Lurgan and Portadown Hospital</i>	Lurgan and Portadown Hospital, Lurgan, Co. Armagh	236	235 60	*General Fever
	Carleton Maternity Home, Portadown, Co. Armagh	168	16	*Maternity

<i>Management Committee</i>	<i>Hospital</i>	<i>Telephone</i>	<i>Beds</i>	<i>Type of Hospital</i>
South-Armagh <i>Sec. : R. Bownes,</i> Armagh City Hospital	Armagh City Hospital, Armagh	78	64	*General
	Tower Hill Hospital, Armagh	163	85 33	General Fever
North-Down <i>Sec. : A. McNeilly,</i> Ards Hospital	Ards Hospital, Newtownards, Co. Down	2216	244 60	*General Fever
	Bangor Hospital, Bangor, Co. Down	84	32	*General
Downpatrick <i>Sec. : L. Love,</i> Downe Hospital	Downe Hospital, Downpatrick, Co. Down	24	73	*General
	Downpatrick General Hospital, Downpatrick, Co. Down	122	80	General
Banbridge and Dromore <i>Sec. : F. N. Miller,</i> Banbridge Hospital	Banbridge Hospital, Banbridge, Co. Down	2279	197	*General
	Cowan-Heron Hospital, Dromore, Co. Down	234	21	*General
South-Down <i>Sec. : Miss E. Baker,</i> Newry General Hospital	Newry General Hospital, Newry, Co. Down	543	40	*General
	Daisy Hill Hospital, Newry, Co. Down	451	210 67	General Fever
	Mourne Hospital, Kilkeel, Co. Down	235	32	*General
Mid-Ulster <i>Sec. : J. B. P. Scott,</i>	Mid-Ulster Hospital, Magherafelt, Co. Derry	87	147	*General
Purdysburn <i>Sec. : B. Davidson, A.H.A.</i>	Purdysburn Hospital, Saintfield Road, Belfast	41248	1,519	Mental
Holywell <i>Sec. : G. H. Reid, A.C.I.S.,</i>	Holywell Hospital, Antrim	3216	680	*Mental
Londonderry and Gransha <i>Sec. : J. L. Hogg</i>	Londonderry and Gransha Hospital, Londonderry	2120	650	Mental
Tyrone and Fermanagh <i>Sec. : (Vacant)</i>	Tyrone and Fermanagh Hospital, Omagh, Co. Tyrone	260	900	Mental

DIRECTORY
OF
MINISTRY OF PENSIONS
HOSPITALS

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MINISTRY OF PENSIONS HOSPITALS

N.B.—The Principal Officers in each hospital are:—

Medical Administration :
Medical Superintendent
Matron

Lay Administration :
Hospital Secretary
Accountant
Controller of Stores

Town	Hospital	Telephone Number	Number of Beds	Types of Case Dealt with
AYLESBURY	Ministry of Pensions Hospital, Stoke Mandeville, Aylesbury, Bucks. (Complete Training School for General Nurses attached.)	Aylesbury 900	620	General medical and surgical head and spinal injuries unit. Plastic unit — including children. Gynæcological unit.
CARDIFF	Ministry of Pensions Hospital, Rookwood, Llandaff, Cardiff	Llandaff 1027/8	256	General medical and surgical corneo-plastic unit.
CHEPSTOW	Ministry of Pensions Hospital, Mount Pleasant, Chepstow, Mon.	Chepstow 332/3	360	Special types of neurological cases and epileptics.
DUBLIN	British Ministry of Pensions Hospital, Leopardstown Park, Blackrock, Co. Dublin	Dunlaoghaire 84187	89	General medical and surgical.
EDINBURGH	Ministry of Pensions Hospital, Edenhall, Musselburgh, Midlothian	Musselburgh 46	260	General medical and surgical.
LEEDS	Ministry of Pensions Hospital, Chapel Allerton, Leeds, 7	Leeds 41071/2	415	General medical and surgical. Limb Fitting Centre.
LIVERPOOL	Ministry of Pensions Hospital, Woolton Road, Childwall, Liverpool.	Childwall 2238/9	227	General medical and surgical. Tropical.
LONDON	Queen Mary's (Roehampton) Hospital, Roehampton, London, S.W.15	Putney 6131/4	650	General medical and surgical. Tropical. Plastic unit. Neurosurgical. Limb Fitting Centre.
NEWCASTLE	Ministry of Pensions Hospital, Dunston Hill, Gateshead, 11, Co. Durham.	Gateshead 84444/5	300	General medical and surgical.
PORTSMOUTH	Queen Alexandra Hospital, Cosham, Portsmouth	Cosham 75220 and 75227/9	667	General medical and surgical. Tropical.
TAUNTON	Musgrove Park Hospital, Taunton, Somerset	Taunton 3662	210	General medical and surgical.
WORCESTER	Ministry of Pensions Hospital, Ronkswood, Newtown Road, Worcester.	Worcester 4335	453	General medical and surgical. Tropical. Neurosurgical.

(Note.—Limb Fitting Centres are attached to most regional offices of the Ministry of Pensions.)

MINISTRY OF PENSIONS HOSPITALS (POLISH)

Administered by the Ministry of Pensions on behalf of the Ministry of Health

N.B.—The Principal Officers in each hospital are:—

Medical Administration:

Medical Administrator
Matron

Lay Administration:

Lay Administrator
Accountant
Controller of Stores

<i>Hospital</i>	<i>Telephone Number</i>	<i>Number of Beds</i>	<i>Types of Case Dealt with</i>
No. 3 Polish Hospital, Penley, Near Wrexham, Denbighshire	Whitchurch (Shrops.) 446	710	General medical and surgical. Maternity unit.
No. 4 Polish Hospital, Iscoyd Park, Whitchurch, Shropshire	Whitchurch (Shrops.) 451	750	Tuberculosis only.
Polish Convalescent Home, Ugbrooke House, Chudleigh, Newton Abbot, Devon	Chudleigh 2102	100	Admissions from No. 3 and No. 4 Polish Hospitals. (Male only.)

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OF
VOLUNTARY HOSPITALS

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The hospitals listed in this Directory are those in Great Britain disclaimed by the Minister of Health under the National Health Service Act, 1946, and by the Sceretary of State for Scotland under the National Health Service (Scotland) Act, 1947.

For explanation of entries in bed complement and notes columns *see* Notes on Directory, page 65 for England and Wales and page 517 for Scotland.

**Denotes no information supplied.*



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VOLUNTARY HOSPITALS

For notes on this directory see page 607

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
ENGLAND AND WALES														
Newcastle Region														
Durran Hill House, Carlisle, Cumberland	Scotby 4	Right Rev. Thomas Flynn, PH.D., M.A., Bishop of Lancaster (Chairman) Rev. Mother Lelia Cannon (Supt. Matron)							65				65	
Elton Hall Rehabilitation Centre, Nr. Stockton-on-Tees, Durham <i>Correspondence to :—</i> The Indus- trial Orthopaedic Society, Manor House Hpl., Golders Green, London, N.W.1	—	—							100				100	
Gables Maternity Home, 18, Gloucester Terrace, Elswick Road, Newcastle-on-Tyne	Newcastle 33778	Dr. Hudson (Chairman) Miss E. Brown, S.R.N., S.C.M., M.T.D. (Matron)									24§		24	§Maternity
Hopedene Maternity Home (<i>The Salva- tion Army</i>), Jesmond Park East, Newcastle-on-Tyne, 6	Jesmond 200	—		22									22	
Lemington Hall, Alnwick, Northumberland	—	—												A hostel
Morris Grange Sanatorium, Middleton Tyas, Richmond, Yorks	—	—												
Northern Women's Hpl., 1A, Osborne Avenue, Jesmond, Northumberland	—	Mona Macnaughton, M.A., M.B., CH.B., J.P. (Chairman) Miss Margery Taylor (Hon. Treasurer) Miss I. P. Mearman (Matron)	26										26	26
St. Camillus Hpl., Swinbourne Castle, Barrasford, Hexham, Northumberland	—	Rev. C. Ryan, O.S.CAM. (Adminis- trator) Dr. J. J. Hurley, M.B., B.CH. (Med. Supt.) Rev. J. Corcoran, S.R.N. (Matron)									30†		30	†Chronic

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
NEWCASTLE REGION—Cont.														
St. Catherine's Convent and Nursing Home,* The Minories, Jesmond Road, Newcastle-on-Tyne	Jesmond 1028	—												
The Nook, Sunderland	—	—												A hostel
TOTAL BED COMPLEMENT			26	22					65	100	24	137	26	
										30	130			
Leeds Region														
Convent of Mercy Nursing Home,* Chubb Hill, Whitby, Yorks	—	—												†Being dismantled
Evan Fraser Hpl.,† Sutton-on-Hull, Yorks	—	—												
Lister House, Sharow, Yorks	—	—												
Correspondence to : The British Legion, Cardigan Lodge, Richmond, Surrey	—	—												
Mount Cross Maternity Home (<i>The Sal- vation Army</i>), Broad Lane, Bramley, Leeds	Pudsey 3810	—		24								24		
Meanwood Convalescent Home for Chil- dren, c/o Charity Commissioners, Ryder Street, St. James's, S.W.1	—	—												Home no longer in existence (charity being wound up)
Northern Police Convalescent Home. St. Andres, Harrogate, Yorks	Harrogate 4448	Major L. G. G. W. Horton-Fawkes, O.B.E. (Chairman) Lieut.-Col. Sir W. H. Ingilby, BART., J.P. (Hon. Treasurer) Mrs. M. Gibbons (Matron)								43¶		43		¶Convalescent
Purey Cust Nursing Home, Precentor's Court, York	York 3468	The Very Reverend The Dean of York (Chairman) W. H. C. Cobb (Hon. Secretary) Miss W. M. Tanker (Matron)									33§	33		§18 acute, 15 maternity

Hospital	Telephone	Senior Officers
LEEDS REGION—Cont.		
The Retreat, Heslington Road, York	York 54551	Reginald J. Mounsey (Chairman) J. A. Taylor, A.S.A.A. (Secretary) A. Pool, M.B., M.R.C.P., D.P.M. (Med. Supt.) J. Constance Warren (Matron)
St. John of God Hpl., Scorton Richmond, Yorks	Old Catterick 17	Rev. B. Burke, O.S.J.D. (Prior) W. Roy Heylings, M.B., CH.B. (Med. Supt.) Rev. A. Feegan, S.R.N. (Matron)
St. Joseph's Nursing Home, Outwood Lane, Horsforth, Yorks	Horsforth 2642	Sister M. Paschal (Matron)
Victoria Home for Invalid Ladies,* Kirkstall Lane, Leeds, 6	—	—
TOTAL BED COMPLEMENT		
	24	120
	43	313
	500	
		f, n. ‡ Nervous and mental illness l (male)

Hospital	Telephone	Senior Officers
Sheffield Region		
Convent Nursing Home,* Woodthorpe, Chesterfield, Derbyshire	—	—
Port Hpl., Sutton Bridge, Wisbech, Cambs	—	—
Queen Victoria Memorial Home of Rest, West Parkfield, Derby	Derby 45248	Lady Inglefield (Chairman) Mrs. Mabel Jepson (Secretary) Miss A. C. Cuthbert, S.R.N., S.C.M. (Matron)
St. Catherine's Danes Hill,* Glanfield Road, Leicester	—	—
St. Francis's Private Hpl.,* London Road, Leicester	—	—
St. Hugh's Nursing Home,* Cleethorpes, Lincs	—	—

Discontinued

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
SHEFFIELD REGION—Cont.														
St. Joseph's Home,* Howard's Hill, Sheffield	—	—												
TOTAL BED COMPLEMENT			41									41		
East Anglian Region														
All Hallows Hpl., Ditchingham, Bungay, Suffolk	—	—												
Physiotherapy Clinic,† Abbey Reading Rooms, Ramsey, Hunts	—	Miss E. Maurice (Secretary), County Red Cross Office, St. Mary's Street, Huntingdon												
Physiotherapy Clinic,† 7, Crown Street, St. Ives, Hunts	—													
Physiotherapy Clinic,† Huntingdon Street, St. Neots, Hunts	—													†Administered for Huntingdonshire Branch of the British Red Cross Society, and pro- viding services for the East Anglian Regional Hospital Board
Coltishall Nursing Home, Coltishall, Norfolk	Coltishall 224	Mrs. M. Z. Joy (Chairman) Miss C. E. Patteson (Secretary) D. G. Shields, M.A., M.B., B.CH., M.R.C.S., M.R.C.P., M.B.E. (Med. Supt.) Miss L. Chapman, S.R.N., C.M.B. (Matron)	6									6	6	
The Convent, St. Joseph's Home the Croft, Sudbury, Suffolk	Sudbury 2653	Sister M. O'Halloran (Matron)							43			43		
Evelyn Nursing Home,* Trumpington Road, Cambridge	—	—												
Halsey House,† Cromer, Norfolk	Cromer 2178	Capt. J. J. Chapman, M.B.E. (Chairman) R. J. Hilton (Secretary) R. B. Fawkes, D.S.O., M.C. (Med. Officer) Miss D. L. Cockman, S.R.N., C.M.B., (Matron)	43			2						45		†Disabled and/or aged ex-service men

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
EAST ANGLIAN REGION—Cont.														
Hope Nursing Home, Brooklands Road, Cambridge	Cambridge 2027	Miss M. Reynolds, s.r.n. (Matron)												§6, acute, 6 chronic
Ipswich Surgical Home, Ipswich, Essex	Ipswich 3232	R. C. Menneer (Chairman) Miss H. S. Bolderow, s.r.n. (Matron)												m, n. Acute
Rous Memorial Hpl., Newmarket, Suffolk	Newmarket 2437, 2112	—												Maintained by Ste-wards of the Jockey Club
W.V.S. Nursing Home, St. Edmunds, 5, Constitution Hill, Ipswich, Essex	—	—												Patients from W.V.S. Residential Clubs only
TOTAL BED COMPLEMENT			6	43	2			43		25	119		6	
North-West Metropolitan Region														
Bethanie Convent Nursing Home, 12, Hornsey Lane, Highgate, London, N.6	Archway 3696	Sister Mary Bertha, s.r.n. (Matron)	14		6									
Bowden House Nursing Home, London Road, Harrow-on-the-Hill, Middlesex	Byron 1011, 4772	Sir W. MacArthur, K.C.B., D.S.O., O.B.E. (Chairman) Miss G. M. Edwards, B.A. (Sec.) H. Crichton-Miller, F.R.C.P. (Med. Supt.) Miss W. Sherwood, s.r.n. (Matron)												†Mental (other than M.D.)
Charterhouse Rheumatism Clinic, 56-60, Weymouth Street and 11-12, Beaumont Street, London, W.1	Welbeck 1264-9	W. A. Evill (Chairman) Major Ellert Forbes, M.C., T.D. (Sec.) Miss E. M. Crowe, C.S.P. (Supt. Physiotherapist)												
Clapham Park Rehabilitation Centre, Bedford Correspondence to: The Indus- trial Orthopaedic Society Manor House Hpl., Golders Green, London, N.W.11	—	Councillor A. H. Plackett, J.P. (Chairman) Percy F. Pollard, F.C.C.S. (Secretary)											100†	‡To be opened 1949

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
NORTH-WEST METROPOLITAN REGION —Cont.														
Convalescent Home, Community of St. John Baptist, Clewer, Windsor, Berks	—	—												closed
Convent of Our Lady,* Hillingdon Court, Uxbridge, Middx	—	—												
Florence Nightingale Hpl. for Gentle- women, 19, Lisson Grove, London, W.1	Paddington 2341	R. J. V. Astell (Chairman) Miss V. A. Miles, A.H.A., A.S.Q.S. (Sec.) Miss K. L. Thomas (Matron)	28 10									28 10		"
French Hpl., 172, Shaftesbury Avenue, London, W.C.2	Temple Bar 5025-6	C. P. F. Pierret (Chairman) J. J. C. Knecht (Secretary)	11				3					14		
Hpl. of St. John and Elizabeth, 60, Grove End Road, St. John's Wood, London, N.W.8	Cunningham 5126	Lt. Col. the Hon. Hope K.C.S.G. (Chairman) Sister Mary Clare (Sec.) Dr. J. B. Mackenzie (Med. Supt.) Sister Mary Dunstan (Matron)	103	10						36		149		a, l
Hostel of St. Luke, 14, Fitzroy Square, London, W.1	Euston 1382	N. C. Tritton (Chairman) Miss P. Williams (Matron)	24 7									24 7		"
Institute of Psycho-Analysis (London Clinic of Psycho-Analysis), 96, Gloucester Place, London, W.1	Welbeck 1552	John Rickman, M.A. (Cantab.), M.D. (Chairman) W. C. M. Scott, M.D. (Tor), B.Sc. (Med.), L.M.S.S.A., D.P.M., L.C.P.S. (Ont.) (Med. Director)												l, u
Italian Hpl.,§ Queen Square, London, W.C.1	Holborn 6002	Dr. Paolo Vita-Finzi, Consul General for Italy (Chairman) J. Corin (Sec.)												§Inpatients Depart- ment to be re- opened in 1949
King Edward VII's Hpl. for Officers, Beaumont House, Beaumont Street, London, W.1	Welbeck 1919, 0233,	Major Gen. Sir Harold Wernher, BART., G.C.V.O. (Chairman) Lieut.-Col. Sir George D. Ogilvie, K.C.I.E., C.S.I. (House Governor) P. de B. Turtle, V.R.D., M.A., B.M., D.P.H. (Med. Officer) Miss A. Saxby, S.R.N. (Matron)								31¶		31		" u. ¶Acute

[illegible]

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
NORTH-WEST METROPOLITAN REGION —Cont.														
St. Joseph's Home for Incurables,* Burlington Lane, Chiswick, London, W.4	—	—												
St. Raphael's Colony, Baruin Park, Northaw, Potters Bar, Middx	—	—												
St. Raphael's Institution, The Butts, Brentford, Middx	Ealing 3745	Sister Rose Therese (Sister Supt.) Dr. Gowans, M.B. (Med. Officer) Sister M. Barbara (Matron)							82			82		
St. Saviour's Hpl., 10, Osnaburgh Street, London, N.W.1	—	—												
St. Vincent's Clinic (Sisters of Charity of St. Vincent de Paul) Ladbroke Terrace, London, W.11	Park 8391	Sister Margaret (Matron)									23‡	23		‡Acute
St. Vincent's Orthopaedic Hpl., Eastcote, Pinner, Middx	—	Sir James Calder, C.B.E. (Chairman) Miss O. L. Bacon (Sec.) Sister Mary Neville, Sister of Charity (Matron)	176‡ 14								10	186 14		e, l, n, u. paedic ‡Ortho-
Slough Industrial Health Services, Recuporative Home, Farnham Park, Farnham Royal, Bucks	—	Sir A. Noel Mobbs, K.C.V.O., O.B.E. (Chairman) P. R. Battison, F.C.C.S. (Sec.) A. Austin Egger, C.B.E., M.B., CH.B. (Med. Sup.) Miss M. Blakeley, S.R.N. (Matron)										50§	50	§Rehabilitation
The Stanboroughs Hydro, Watford, Herts	Garston 2259	E. B. Rudge (Chairman) G. L. Anniss (Sec.) E. G. Essery, M.R.C.S., L.R.C.P. (Lond.) (Med. Supt.) V. Rudge, S.R.N. (Matron)												
		TOTAL BED COMPLEMENT	611 31	60		3			82	121 100	124	1001 131		

Hospital	Telephone	Senior Officers	Bed Complement												
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes	
SOUTH-EAST METROPOLITAN REGION —Cont.															
Dungates, Horam Road, Sussex	Horam Road 202	Coun. P. F. Friend-James, O.B.E., J.P., F.C.A. (Chairman) Mrs. J. M. Haggerty (Sec.-Supt.) E. Laval, M.B., C.M. (Med. Supt.)								8			8		
Esperance Nursing Home,* . Eastbourne, Sussex	—	—	10**										10	**Patients from French hospital only	
French Convalescent Home, De Courcel Road, Brighton, Sussex	—	C. Pierret (Chairman) J. Knecht (Sec.) Sister Angelina (Matron)												Residential open air school being opened	
Holy Cross Convent, Broadstairs, Kent	—	—												†Members of furnish- ing and allied trades	
Kingsleigh Convalescent Home (Furnish- ing Trades' Benevolent Association), Sutton Avenue, Seaford, Sussex	Seaford 2490	John R. Stonard (Chairman) H. Edward Long, O.B.E. (Sec.) Miss F. H. Buckman, A.R.R.C., S.R.N. (Matron)									24†		24		
Little Hopper's Hpl., Five Oak Green, Kent	•	The Rev. P. B. Colthurst (Organiser) Matron (appointed for hop-picking season)	10										10		
London & Brighton Female Convalescent Home, 108, The Drive, Hove, Sussex		Mrs. C. J. Foster (Chairman) Miss E. Dunn (Hon. Sec.) Miss Cose (Matron)		10							4		14	14	
Maurice House, * Westgate on Sea, Kent Correspondence to: British Legion, Cardigan House, Richmond, Surrey		Col. Morrison-Bell (Chairman)												Closed	
Morrison Bell Convalescent Home Correspondence to: Messrs. Joynson, Hicks & Co., Lennox House, Nor- folk Street, Strand, W.C.2															
National Sanatorium, Benenden, Cranbrook, Kent	Benenden 2110	J. R. Williams, M.B.E. (Chairman) A. J. Wood (Sec.) Dr. T. W. Lloyd (Chief Med. Officer) Mrs F. Hamilton-Heinke (Matron)							15†				15†	c, e, l, n	

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
SOUTH-EAST METROPOLITAN REGION—Cont. Royal Naval & Marine Maternity Nursing Home, The Nore (Canada House), Gillingham, Kent St. Augustine's, 25, Upper Maze Hill, St. Leonard's on Sea, Sussex St. John's Hostel, 17, Grove Park, Camberwell, London, S.E.5 St. Mary's Buxted,†† Uckfield, Sussex Tarnor Home,* Tilbury, Brighton, Sussex Tubwell Farm, Jarvis Brook, Crowborough, Sussex	Gillingham 5239	The Commodore-in-Charge, Royal Naval Barracks, Chatham (Chair- man) Lieut-Comdr. (S) G. E. Goldthorpe, R.N. (Retd.) (Sec.) Miss I. G. Stevens, S.R.N., S.C.M., F.B.C.N., M.R.C.N. (Matron) Mrs. B. M. B. Tunbridge (Matron)	12										12	m, n
	Buxted 3150 E	Sister Edith Emerson (Supt.)							20				20	Home for aged ladies
	Crowborough 569	Coun. P. F. Friend-James, O.B.E., I.P., F.C.A. (Chairman) Mrs. J. M. Haggerty (Sec. Supt.) Dr. E. Laval, M.B., C.M. (Med. Supt.)					8						8	††Ancillary home of St. Mary's, Alton
	TOTAL BED COMPLEMENT			20	12	10		154		16	137	44 6	393 6	
South-West Metropolitan Region														
Beechfield,* Hanger Hill, Weybridge, Surrey Convent of Our Lady, Haslemere, Surrey	Haslemere 1013	Mrs. Cuss (Chairman) Mrs. L. G. Hitchcock (Hon. Sec.) 12, Beechey Road, Bournemouth, Hants. Tel: Bournemouth 1851 Rev. Mother Superior (Matron) Rev. Father Edward, S.D.C. (War- den)									4§		4	§Convalescent

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
SOUTH-WEST METROPOLITAN REGION—Cont.														
Convent of St. Peter, Maybury Hill, Woking, Surrey	Woking 37	Kenneth Scott, M.D., M.R.C.P. (Med. Supt.) Margery Noel—Mother Superior (M.R. Becher, S.R.N., Matron)		10			12†			38	10	70		†Surgical
Convent of the Holy Rood,* Findon, Surrey														
Hambledon, Former P.A.I., Hambledon, Surrey														
Holy Cross, Sanatorium Haslemere, Surrey	Haslemere 112	Rev. Sister Provincial, F.C. (Chair- man) Rev. Sister Mary Perpetua, F.C. (Supt.) G. Pfyaras, M.D. (Med. Supt.) Rev. Sister Mary Theophila, F.C. (Matron)					125				9	134		
Home of Compassion,* Thames Ditton, Surrey														
Hostel of God, 29, North Side, Clapham Common, London, S.W.4	Macaulay 5343	Lt.-Col. The Hon. Ian Leslie Melville (Chairman) Miss A. E. Patton (Sec.) J. F. Herbert, B.Sc., M.B., B.CH., D.P.H. (Med. Officer) The Sister Superior (Matron)	50									50		
Hurlingham Lodge Convalescent Home, Hurlingham Road, London, S.W.6	Renown 1991	The Hon. Mrs. Orpen, O.B.E. (Chairman) Miss G. Roberts (Sec.) Dr. Roger St. Aubyn (Med. Officer) Miss M. Hale, R.R.C. (Matron)									33¶	33		¶Ex-Service men only
King Edward VII Sanatorium, Midhurst, Sussex	Midhurst 259	Lord Courtauld Thomson, K.B.E., C.B. (Chairman) Capt. A. H. Arnold, O.B.E. (Hon. Sec.) G. S. Todd, C.V.O., O.B.E., F.R.C.P. (Med. Supt.) Miss M. Schofield, S.R.N. (Matron)									156‡	156		‡T.B., Surgical Chest or T.B.

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
SOUTH-WEST METROPOLITAN REGION—Cont.														
St. George's Retreat,* Burgess Hill Sussex														
St. Mary's Home, Alton, Hants.	Alton 2137	Sister Dolores, C.S.M.V. (Sister Supt.)							40			40		f
St. Michael's Convalescent Home (Invalid Children's Association), Church Road, Southbourne, Hants.		Miss G. D. Rattenbury (Sec.) J. Hilton Bentley, M.R.C.S., L.R.C.P. (Hon. Physician) D. Paulson, S.R.N. (Matron)									12*	12		
St. Michael's (Franciscan Missionaries of St. Mary's), Cleveland Road, Worcester Park, Surrey		M. Binn (Matron)												Hostel for old ladies
St. Teresa's Maternity Hpl., The Downs, Wimbledon, London, S.W.20	Wimbledon 0133	Cyril Grobel (Chairman) Sister Catherine (Sec.) J. Vincent O'Sullivan, F.R.C.S., F.R.C.O.G. (Med. Supt.) Sister Agnes (Matron)	20									22	2	
St. Teresa's,* Great Holt, Dockenfield, Farnham, Surrey														
St. Veronica's,* Connaught Avenue, London, S.W.14														
Scio House Hospital,* Portsmouth Road, Putney, London, S.W.15														
Southampton Dispensary, 1, New Road, Southampton	Southampton 2587	Leonard F. Paris (Chairman) Stanley J. Clark, A.S.A.A. (Sec.)												
Southsea Home of Comfort,* 17, Victoria Grove, Southsea, Hants														
Smiles Home for Invalid Ladies (Com- munity of St. Peter, Woking) Maybury Hill, Woking, Surrey											37	37		

Hospital	Telephone	Senior Officers	Bed Complement											
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Total
OXFORD REGION—Cont.														
Helena Nursing Home, Brownlow Road, Reading, Berks	Reading 3621	Mrs. V. Benyon, O.B.E. (Chairman) Mrs. J. Payne (Hon. Sec.) E. F. Barnardo, M.B., B.S., F.R.C.S. (Med. Supt.) M. I. Pearce, S.R.N., S.R.F.N. (Matron)			11								11	"
St. Andrew's,* Northampton														f
St. Anne's Nursing Home*, Wokingham, Berks														
St. Katherine's House, Wantage, Berks														Hostel for aged women
TOTAL BED COMPLEMENT					11						42		53	
South Western Region														
Barnwood House, Gloucester		W. I. Croome, J.P. (Chairman) A. G. T. Gale, A.C.I.S. (Sec.) G. W. T. H. Fleming, M.R.C.S., L.R.C.P., D.P.M. (Med. Supt.) Miss A. MacMillan, S.R.N., S.R.M.N. (Matron)											160	f, n, u, v. †Mental (other than M.D.)
Belloitt's Hospital, Bath														Closed
British Red Cross Society Physiotherapy Clinic, Apsley House, Long Street, Dursley, Glos	Dursley 2550	Douglas A. Laing (Chairman) Miss P. M. Brookes (Organising Sec.) J. K. Munro M.C.S.P. (Resident Physiotherapist)												n, u
Burden Neurological Institute of Stoke Park Colony,* Bristol														
Convent of the Good Shepherd*, Saltash, Cornwall														
Dunmore Maternity Home (<i>The Salvation Army</i>), Bradninch, Devon	Hele 238												22	Training home for Girls and Young Women

Hospital	Telephone	Senior Officers	Bed Complement										
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	Notes
SOUTH WESTERN REGION—Cont.													
St. Raphael's Convalescent Home,* Torquay, Devon													
St. Teresa's Nursing Home (Poor Servants of the Mother of God), Corston, Bristol		Sister Superior (Admin. Officer) Sister M. St. Bernard (Matron)		21								21	
St. Vincent's House of Rest (Sisters of Charity, Knowle, Bristol), Plympton, Devon		M. E. Harrison (Matron)		21								21	
Seafeld Convalescent Home,* Edward Road, Walton St. Mary, Clevedon, Somerset													
Totterdown Hall (The Poor Servants of the Mother of God), Uphill, Weston-Super-Mare, Somerset	Blesdon 319	Sister Raphael Boyce (Supt.) Sister Cecilia Loughlin (Matron)						70				70	
TOTAL BED COMPLEMENT			16	47	42		161		40	215	591	50	
Welsh Region													
Crosfield House (formerly <i>Buckland Hall</i>) Bwlch, Nr. Brecon													
Craig House Maternity Hpl., Gore Terrace Lane, Alexander Road, Swansea													
Glan-Y-Don Hpl.,* Holywell, Flintshire													
The Lord Ninian Hpl.,* Cardiff													
The Maternity Home, Dolgelley, Merionethshire	Dolgelley 173	Mrs. Mary Richards (Chairman) Mrs. R. E. Edwards (Sec.) Mrs. L. Jones, S.R.N., S.C.M. (Sister-in-charge)		+								4	
Northland Maternity Home (<i>The Salvation Army</i>), North Road, Cardiff				17								17	
To be used as a home for physically incapacitated Ex-Service men and women Destroyed													

To be used as a home
for physically in-
capacitated Ex-
Service men and
women
Destroyed

[illegible]

Hospital	Telephone	Senior Officers	Bed Complement											Notes
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total	P.P.	
LIVERPOOL REGION—Cont.														
Wybourne Gate, East Lancashire Homes for Disabled Sailors & Soldiers, Birkdale, Southport	—	P. M. Oliver, C.B.E. (Chairman) Ernest Messenger, F.C.A. (Sec.) 18, Booth Street, Manchester 2 Dr. J. M. Quinlan (Med. Supt.) Miss C. Doughty, R.R.C. (Matron)		30									30	
		TOTAL BED COMPLEMENT	115	26	30				40	10			221	
SCOTLAND														
Northern Region														
Bute Hspl.,* Daliburgh, South Uist	—													
Grampian Sanatorium (<i>Community of the Sisters of Charity of St. Vincent de Paul</i>), Kingussie, Inverness-shire	Kingussie 66	Felix Savy, M.D. (Med. Supt.) Sister Superior (Matron)								45†			45	†T.B.
		TOTAL BED COMPLEMENT								45			45	
North-Eastern Region														
Glen O'Dee (Scottish Branch, British Red Cross Society), Banchory, Kincardineshire	Banchory 97	A. M. MacGeorge (Chairman) Dr. R. V. Keers, M.D., M.R.C.P. (Ed.), F.R.F.P.S., J.P. (Med. Supt.) A. G. Welstead (Chief Admin. Officer) Miss G. Cattanach, S.R.N. (Matron)						78					78	"
The Joint Centre, Peterhead, Aberdeen	—													Now a youth centre
Joint Clinic,* Fraserburgh, Aberdeenshire	—													
Munro Home for Incurables, The Knoll, Bishopmill, Elgin, Morayshire	Elgin 2409	Lord Provost Harrison (Chairman) H. G. Tait (Admin. Officer) Dr. J. D. MacDonald (Med. Supt.) N. M. Leith, S.R.N., R.F.N. (Matron)		16									16	
St. John's Clinic, Bucksburn, Aberdeenshire		Dr. H. Rae (Med. Supt.)												Part of school dental and eye service

[illegible]

Hospital	Telephone	Senior Officers	Bed Complement										Notes	
			Acute	Mat.	Chr.	I.D.	T.B.	Men.	M.D.	Other	Pri.	Total		P.P.
WESTERN REGION—Cont.														
East Park Homes,† 1092, Maryhill Road, Glasgow, N.W.	Maryhill 2050	James A. Mackenzie (Chairman) Mary M. McLean (Interim Sec. and Treasurer) Patrick MacArthur, M.D. (Med. Supt.) Miss Peggy Ligertwood (Matron)			65							65		†Home for physically defective children; educational facili- ties
East Park Homes,† Largs, Ayrshire	Largs 3105	James A. Mackenzie (Chairman) Mary M. McLean (Interim Sec. and Treasurer) Thomas Johnstone, M.B., CH.B. (Med. Supt.) Miss Janet Torrie (Matron)			65							65		
Glasgow Hospital for Women, Homeland, Glasgow	Western 1194	Lieut.-Col. H. Barker (Chairman) Captain Annie Allan (Sec.) Dr. Park (Med. Supt.) Helen K. Sommerville (Matron)								30¶		30		¶Maternity
The McAlpin Nursing Home, 121, Hill Street, Glasgow, C.3	Douglas 0018 & 1882	R. Russell Johnston (Chairman) James G. Moffat, B.Sc., C.A. (Sec.) Miss Watt (Lady Supt.)								5+§		54		§Acute
The Princess Louise Scottish Hpl. for Limbless Sailors and Soldiers, Erskine Hpl., Bishopton, Renfrewshire	Bishopton 40	Sir Harold E. Yarrow, Bt., C.B.E. (Chairman) Colonel T. A. Harvie Anderson, C.B. (Sec.) Colonel T. H. Scott, D.S.O., M.C., M.D. (Med. Supt.) Matron: (vacant)	150								100	250		"
St. Charles Certified Institution, Carstairs, Lanarkshire	Carstairs 33	The Most Rev. Donald Campbell, D.D. Archbishop of Glasgow (Chairman) Sister Perpetua Bowden (Supt.)							140			140		
St. Mary's Hpl.,* Lanark														
T.B. Clinic, Sauchie House, Barker Street, Stirling														
TOTAL BED COMPLEMENT			150	26	130				140	100	84	630		

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CONTRIBUTORY AND PROVIDENT SCHEMES

I.—CONTRIBUTORY SCHEMES

The following list details the contributory schemes which are known at the date of going to press to be continuing for the purpose of providing benefits and services ancillary and additional to those provided under the National Health Service and National Insurance Acts.

In some cases they represent amalgamations between two or more schemes existing prior to the 5th July, 1948. Where there has been a change in title, the new name is given. The aims and objects of the schemes have been widened on account of the passing of the above-mentioned Acts. Many of the schemes provide a hospital cash benefit and particulars of these and of the other benefits available can be obtained from the secretary of each scheme. Unless otherwise indicated by an asterisk, the schemes are affiliated to the British Hospitals Contributory Schemes Association (1948), Royal London House, Queen Charlotte Street, Bristol, 1. The Honorary Secretary of the Association will be pleased to supply any further information.

SCHEME	SECRETARY	ADDRESS	TELEPHONE
BEDFORD—Bedfordshire Hospital Service Association.	L. W. Bond, J.P. (<i>Hon. Sec.</i>).	32A, High Street, Bedford	Bedford 3189 and 4594.
*BIRMINGHAM—The Birmingham Hospital Saturday Fund.	H. Crisp 	43, Newhall Street, Birmingham, 3.	Central 3275/6.
BOLTON and District Hospital Saturday Committee.	E. Hunt 	Corporation Chambers, Corporation Street, Bolton.	Bolton 775.
BRADFORD and District Hospital Fund (Inc.).	L. G. Gomersall 	229–232, Swan Arcade, Bradford.	Bradford 10656/7.
BRISTOL Hospitals Fund (Inc.) of which the new Bristol and West Health and Hospital Services Fund is a part.	John Dodd, B.Com., A.C.I.I.	Royal London House, Queen Charlotte Street, Bristol, 1.	Bristol 23495/6.
CAMBRIDGE and HUNTINGDON Hospital Service Association.	E. R. Watkin 	12A, Market Hill, Cambridge.	Cambridge 2422.
CARDIFF—The Welsh Hospitals and Health Services Association.	B. Glanville Davies 	107, Newport Road, Cardiff.	Cardiff 5237/8.
CHELMSFORD Contributory Scheme.	R. G. Morrish 	London Road, Chelmsford.	Chelmsford 3481.
COVENTRY and Warwickshire Hospital Saturday Fund.	L. T. March, A.L.A.A. 	Dale Buildings, Swanswell Terrace, Coventry.	Coventry 5041.
CREWE and South Cheshire Hospital Contributory Scheme.	A. R. Stuart 	180, Edleston Road, Crewe.	Crewe 2940.
EXETER and Western Counties Hospital Aid Society.	K. Waldon 	“Troyeville,” Barnfield Hill, Exeter.	Exeter 5361/2.
*GRAVESEND and North Kent Pay Day Fund.	R. W. Bunting 	64, New Road, Gravesend.	Gravesend 898.
HULL Voluntary Health Contributory Scheme.	W. G. Nevin 	The Dispensary, Baker Street, Hull.	Hull 33188.
LEEDS AND DISTRICT Work-people’s Hospital Fund.	E. McMinn 	3, Park Square, Leeds ...	Leeds 26984.
LEICESTER and County Convalescent Homes Society.	T. E. Horobin 	Charles Street, Leicester	Leicester 20617/8.
LIVERPOOL—Merseyside Hospitals Council (Inc.).	Allan Maxwell	87, Lord Street, Liverpool, 2.	CENtral 7051.
LONDON—The Hospital Saving Association.	C. S. Clarke 	30, Lancaster Gate, London, W.2.	PADddington 7601.
*LONDON—The Hospital Saturday Fund.	L. B. Dart 	14/18, Holborn, London, E.C.1.	CHAncery 6311.
MALVERN and District Workers’ Hospital Saturday Fund.	R. O. Allen, J.P. 	St. Michael’s, Newland, Malvern.	—
MANCHESTER and Salford Hospital Saturday and Convalescent Homes Fund (Inc.).	R. C. Stevenson, A.S.A.A., F.C.I.S.	12A, Piccadilly, Manchester.	Central 1901/4.
MELTON MOWBRAY and District Contributory Scheme.	L. Hewes 	1, Norman Street, Melton Mowbray.	Melton Mowbray 81.
NEWPORT—Gwent Hospitals Workmen’s and Contributory Fund.	T. R. Gray 	5, Cardiff Road, Newport.	Newport 6152.
NORTHAMPTON and District Hospitals Guild.	R. C. T. Dyer (<i>Hon. Sec.</i>).	Portland Street, Northampton.	—
NORWICH—Norfolk Hospitals Contributors’ Association.	A. J. Bussey, 	38, St. Giles Street, Norwich.	Norwich 24846.

SCHEME	SECRETARY	ADDRESS	TELEPHONE
NOTTINGHAM and District Health Benefit Fund.	W. S. Richardson	45, Park Row, Nottingham.	Nottingham 2925.
*OLDHAM and District Health Services Contributory Association.	Edgar Ormerod, F.Comm.A., F.S.C.	St. Peter's Street, Oldham.	Oldham Main 6369.
READING—Mid-Southern Hospital Contributory Association.	W. M. Mason	73, London Road, Reading.	Reading 4141.
*ROMSEY and District Contributory Scheme.	P. E. Leach	15, Bell Street, Romsey, Hants.	Romsey 3179.
RUGBY and District Association of Hospital Contributors.	L. Green	107, Percival Road, Rugby.	Rugby 2037/8.
SHEFFIELD—The Sheffield and District Hospitals and Auxiliary Services Council (Inc.).	C. R. C. Crabtree	6, Orchard Street, Sheffield, 1.	Sheffield 24263.
STRATFORD-ON-AVON Patients Aid Fund.	W. S. Allwood, M.R.S. T.	High Street Chambers, Stratford-on-Avon.	Stratford-on-Avon 3003.
TRURO—The Hospital Contributory Association (Cornwall), Ltd.	Miss E. D. Allerton	20, St. Mary Street, Truro.	Truro 2911.
WAKEFIELD—The Wakefield and District Hospitals Contributory Scheme.	C. E. Perry... ..	49, Northgate, Wakefield	Wakefield 3552.
WOLVERHAMPTON and District Patients Aid Association.	—	The Lodge, Wolverhampton.	Wolverhampton 21651.
WORCESTER Hospital Contributors Association.	Mrs. E. D. C. Mills	1, Hop Market Yard, The Foregate, Worcester.	—

II.—PROVIDENT SCHEMES

SCHEME	SECRETARY	ADDRESS	TELEPHONE
BATH—Paying Patients Scheme...	W. J. Jenkins, J.P.	Broad Street Chambers, Broad Street, Bath.	Bath 2320.
BEDFORD—Bedfordshire Hospital Service Association Provident Fund.	L. W. Bond, J.P. (<i>Hon. Sec.</i>).	32A, High Street, Bedford.	Bedford 3189 and 4594.
BELFAST—Nuffield Ulster Provident Association, Ltd.	H. Quin, F.C.A., Barrister-at-Law.	52, Donegall Place, Belfast.	Belfast 21471/3.
BRISTOL and West Hospitals Provident Fund.	John Dodd, B.Com., A.C.I.I.	Royal London House, Queen Charlotte Street, Bristol, 1.	Bristol 23495/6.
EXETER and Western Counties Hospital Aid Society Special Scheme.	K. L. Waldon	"Troyeville," Barnfield Hill, Exeter.	Exeter 5361/2.
LONDON—The London Association for Hospital Services, Ltd. Hospital Service Plan.	T. W. Place	Tavistock House South, Tavistock Square, W.C.1.	Euston 5166.
READING—Mid-Southern Hospital Contributory Association Private Patients Scheme.	W. Maxwell Mason	73, London Road, Reading, Berks.	Reading 4141.
SHERBORNE—Yeatman Hospital Private Wards League Council, Sherborne, Ltd.	W. A. T. Jarrett (<i>Hon. Sec.</i>).	Rosslyn Acreman Street, Sherborne.	Sherborne 274.
THE BRITISH UNITED PROVIDENT ASSOCIATION.	—	61, Bartholomew Close, London, E.C.1.	—

N.B.—The British United Provident Association was formed by the amalgamation of the following Schemes :—
LONDON—The British Provident Association. Central Provident Association; EDINBURGH—Scottish Nuffield Provident Society (Scottish branch of Central Provident Association); BIRMINGHAM—Hospitals Contributory Association Extended Benefits Scheme.

It has subsequently been joined by :—AYLESBURY—Royal Buckinghamshire Contributory Scheme for Private Patients; BRIGHTON—Sussex Provident Schemes. Supplementary Section; CAMBRIDGE—Addenbrooke's Hospital Private Wards Insurance Scheme; HUNTINGDON—County Hospital Private Patient's Scheme; NORWICH—Norfolk and Norwich Hospital Private Patients Department; OXFORD—Oxford University Provident Association; PAIGNTON—Private Ward Association; PLYMOUTH—Paying Patients Aid Insurance Scheme; SHEFFIELD—Sheffield and District Provident Association for Surgical and Medical Services; SLOUGH—Windsor, Slough and Associated Hospitals Extended Benefits Scheme; WOLVERHAMPTON—Wolverhampton and District Provident Scheme.

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LOCAL HEALTH AUTHORITIES

I.—ENGLAND AND WALES

(a) County Council Authorities

N.B.—In the following list the names given in *italics* under the name of a county authority are those of the county borough authorities within the geographical area of the administrative county concerned. These county borough authorities are independent local health authorities and are alphabetically listed, with appropriate details, in the next Section, “(b) County Borough Authorities.”

<i>Authority</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone</i>
England			
BEDFORD	W. C. V. Brothwood, M.A., M.D., D.P.H.	Shire Hall, Bedford	Bedford 3201
BERKSHIRE <i>Reading</i>	E. C. H. Huddy, M.D., D.P.H.	County Public Health Dept., 10, Abbott's Walk, Reading, Berks.	Reading 3081-8
BUCKINGHAM	G. W. H. Townsend, M.B., D.P.H.	County Health Office, Aylesbury, Bucks.	Aylesbury 375
CAMBRIDGE <i>CAMBRIDGE Cambridge</i>	R. French, M.D., D.P.H.	Shire Hall, Castle Hill, Cambridge	Cambridge 3411
ISLE OF ELY	H. R. Hay, M.D., ch.B., D.P.H.	County Hall, March, Cambs.	March 2215
CHESHIRE <i>Birkenhead, Chester, Stockport, Wallasey</i>	Arnold Brown, M.B., ch.B., D.P.H.	County Public Health Department, 24, Nicholas Street, Chester	Chester 2305-6
CORNWALL	R. N. Curnow, M.B., B.S., D.P.H.	County Hall, Truro, Cornwall	Truro 2282
CUMBERLAND <i>Carlisle</i>	Kenneth Fraser, M.D., F.R.S.E., D.P.H., D.T.A.	11, Portland Square, Carlisle, Cumberland	Carlisle 950
DERBY <i>Derby</i>	J. B. S. Morgan, B.Sc., M.B., B.Ch., D.P.H.	County Offices, Derby	Derby 47131
DEVON <i>Exeter, Plymouth</i>	L. M. Davies, M.A., M.D., B.Ch. (Oxon), D.P.H. (Oxon), M.R.C.S. (Eng.), L.R.C.P. (Lond.)	4, Barnfield Crescent, Exeter, Devon	Exeter 4051
DORSET	A. A. Lisney, M.A., M.D., D.P.H.	County Hall, Dorchester	Dorchester 1000
DURHAM <i>Darlington, Gateshead, South Shields, Sunderland, West Hartlepool</i>	I. McCracken, M.A., B.Sc., M.B., ch.B., D.P.H.	Shire Hall, Durham	Durham 980-9
ESSEX <i>East Ham, Southend, West Ham</i>	Henry Kenneth Cowan, M.D., B.Ch., D.P.H.	County Hall, Chelms- ford, Essex	Chelmsford 3231
GLOUCESTER <i>Bristol, Gloucester</i>		Berkeley House, Berkeley Street, Gloucester	Gloucester 21444
HAMPSHIRE <i>see SOUTHAMPTON</i>			
HEREFORD	J. S. Cookson, M.D., D.P.H., Barrister-at-Law	County Health Department, 35, Bridge Street, Hereford	Hereford 3209 & 3867
HERTFORD	J. L. Dunlop, M.D., D.P.H.	County Hall, Hertford	Hertford 3131
HUNTINGDON	D. S. Buchanan, M.B., B.S., B.Hy., D.P.H.	County Health Office, County Buildings, Huntingdon.	Huntingdon 673
KENT	A. Elliott, M.D., D.P.H.	County Hall, Maidstone, Kent	Maidstone 4321
LANCASTER <i>Barrow, Blackburn, Blackpool, Bolton, Bootle, Burnley, Bury, Liverpool, Manchester, Oldham, Preston, Rochdale, St. Helens, Salford, Southport, Warrington, Wigan</i>	F. Hall, C.B.E., M.D., ch.B., D.P.H. Barrister-at-Law	County Offices, Preston, Lancs.	Preston 4868
LEICESTER <i>Leicester</i>	G. H. Gibson, M.B., ch.B., D.P.H.	17, Friar Lane, Leicester	Leicester 20451

Authority	Medical Officer of Health	Address	Telephone
LINCOLN			
HOLLAND	J. Fielding, M.D., D.P.H.	County Hall, Boston, Lincs.	Boston 2281-6
KESTEVEN	J. H. C. Clarke, M.A., M.D., D.P.H.	County Offices, Sleaford	Sleaford 241-4
LINDSEY <i>Grimsby, Lincoln</i>	W. S. H. Campbell, O.B.E., M.B., ch.B., D.P.H.	County Offices, Lincoln	Lincoln 1210-5
LONDON	Sir Allen Daley, M.D., F.R.C.P., K.H.P.	County Hall, Westminster Bridge, London, S.E.1	Waterloo 5000
MIDDLESEX	A. C. T. Perkins, M.C., M.D., B.S., D.P.H.	10, Great George Street, Westminster, London, S.W.1	Whitehall 4400
NORFOLK <i>Great Yarmouth, Norwich</i>	T. Ruddock-West, M.D., B.S., D.P.H.	29, Thorpe Road, Norwich, Norfolk	Norwich 22288
NORTHAMPTON			
NORTHAMPTON <i>Northampton</i>	C. M. Smith, O.B.E.	County Offices, Guildhall Road, Northampton	Northampton 4042
SOKE OF PETERBOROUGH	Dr. George Nisbet	County Council Offices, Bridge Street, Peterborough	Peterborough 4046-7
NORTHUMBERLAND <i>Newcastle-upon-Tyne, Tynemouth</i>	J. B. Tilley, M.D., B.Hy., D.P.H.	County Hall, Newcastle-upon-Tyne	Newcastle 28927
NOTTINGHAM <i>Nottingham</i>	A. C. Tibbits, C.B.E., M.R.C.S., L.R.C.P., D.P.H.	Public Health Department, County Hall, Trent Bridge, Nottingham	Nottingham 88621
OXFORD <i>Oxford</i>	H. C. Jennings, M.A., B.Sc. (Oxon), M.B., B.S. (Lond.), D.P.H.	Health Department, 1, Becket Street, Oxford	Oxford 2771 & 47355
RUTLAND	A. D. Whitelaw, M.A., M.D. (Cantab.), D.P.H., M.R.C.S., M.R.C.P.	Catmose, Oakham, Rutland	Catmose 2
SALOP	W. Taylor, M.D., ch.B., D.P.H.	County Health Office, College Hill, Shrewsbury, Salop.	Shrewsbury 3031
SOMERSET <i>Bath</i>	J. F. Davidson, O.B.E., M.B., ch.B., D.P.H.	County Hall, Taunton, Som.	Taunton 3451
SOUTHAMPTON			
SOUTHAMPTON <i>Bournemouth, Portsmouth, Southampton</i>	H. L. Cronk, M.A., M.D., B.Ch., M.R.C.S., L.R.C.P., D.P.H.	The Castle, Winchester, Hants.	Winchester 4415
ISLE OF WIGHT	W. S. Wallace, M.C., M.B., ch.B., D.P.H.	County Hall, Newport, I.o.W.	Newport 2261
STAFFORD <i>Burton-on-Trent, Smethwick, Stoke-on-Trent, Walsall, West Bromwich, Wolverhampton</i>	G. Ramage, M.A. (Admin.), M.D., ch.B., B.Sc., M.R.C.S., L.R.C.P., D.P.H.	County Buildings, Stafford	Stafford 1181-2
SUFFOLK			
EAST SUFFOLK <i>Ipswich</i>	H. Roger, M.A., M.B., ch.B., D.P.H.	County Hall, Ipswich	Ipswich 3131
WEST SUFFOLK	H. Roger, M.A., M.B., ch.B., D.P.H.	Westgate House, Bury St. Edmunds, Suffolk	Bury St Edmunds 1280
SURREY <i>Croydon</i>	K. A. Soutar, B.Sc., M.B., B.S., M.R.C.P., D.P.H.	County Hall, Kingston-on-Thames, Surrey	Kingston 1050
SUSSEX			
EAST SUSSEX <i>Brighton, Eastbourne, Hastings</i>	F. Langford, M.B., ch.B., F.R.C.S., L.R.C.P., D.P.H.	County Hall, Lewes, Sussex	Lewes 800
WEST SUSSEX	J. S. Bradshaw, M.B., ch.B., D.P.H.	County Hall, Chichester, Sussex	Chichester 3001
WARWICK <i>Birmingham, Coventry</i>	S. W. Savage, M.A., M.D., D.P.H.	Shire Hall, Warwick	Warwick 340
WESTMORLAND	John A. Guy, M.D., ch.B., D.P.H.	County Hall, Kendal, Westmorland	Kendal 1000
WILTSHIRE	J. B. Lowe, M.B., ch.B., D.P.H.	County Hall, Trowbridge, Wilts.	Trowbridge 777

<i>Authority</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone</i>
WORCESTER <i>Dudley, Worcester</i>	W. Parker, M.C., C.B.E., M.B., ch.B. (Edin.), D.P.H. (Lond.)	County Buildings, Worcester	Worcester 3400
YORKSHIRE <i>EAST RIDING</i> <i>Kingston-upon-Hull, York</i>	R. Watson, M.A., M.B., D.P.H.	County Hall, Beverley	Beverley 281
<i>NORTH RIDING</i> <i>Middlesbrough</i>	J. A. Fraser	County Hall, Northallerton	Northallerton 168-175
<i>WEST RIDING</i> <i>Barnsley, Bradford,</i> <i>Dewsbury, Doncaster,</i> <i>Halifax, Huddersfield,</i> <i>Leeds, Rotherham, Sheffield,</i> <i>Wakefield</i>	C. T. Brockington, M.A., M.D., D.P.H., B.Chir. (Cantab.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), of the Middle Temple, Barrister-at-Law	County Hall, Wakefield	Wakefield 3781
Wales			
ANGLESEY	G. Wynne Griffith, M.B., ch.B., D.P.H.	Shire Hall, Llangefni, Anglesey	Llangefni 180-5
BRECKNOCK	W. F. W. Betenson	County Hall, Brecon, Brecknock	Brecon 214
CAERNARVON	D. E. Parry Pritchard, M.D., D.P.H.	County Offices, Caernarvon, Cardigan	Caernarvon 575-9
CARDIGAN	E. Jones, M.Sc., M.B., ch.B., D.P.H.	56, Portland Street, Aberystwyth	Aberystwyth 586
CARMARTHEN	R. Evans, M.D. (Lond.), D.P.H. (Eng.)	County Health Department, Shire Hall, Carmarthen	Carmarthen 405
DENBIGH	H. A. Thomas, M.Sc. (Wales), M.B., ch.B. (L'pool), D.P.H., M.R.C.S., L.R.C.P., A.R.I.C.	County Health Office, 16, Grosvenor Road, Wrexham, Denbigh	Wrexham 2564
FLINTSHIRE	A. E. Roberts, M.B., B.S., D.P.H.	County Health Offices, Mold, Flintshire	Mold 106-9, 262
GLAMORGAN <i>Cardiff, Merthyr Tydfil,</i> <i>Swansea</i>	W. E. Thomas, M.B., B.Ch., B.Sc., D.P.H.	Glamorgan County Hall, Cardiff	Cardiff 8020
MERIONETH	W. F. Gapper, B.Sc., M.B., ch.B., D.P.H.	County Offices, Dolgelley, Merioneth	Dolgelley 250-2
MONMOUTH <i>Newport</i>	Gwyn Rocyn Jones, M.A., M.D., B.Chir., D.P.H.	County Hall, Newport, Mon.	Newport 4951
MONTGOMERY	I. J. Jones, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.	Health Offices, Newtown, Montgomery	Newtown 205
PEMBROKESHIRE	H. Middleton, M.C., M.B., ch.B., D.P.H.	County Health Department, 23, Hill Street, Haverfordwest, Pembrokeshire	Haverfordwest 40
RADNOR	F. J. H. Crawford, M.D., B.Sc., D.P.H., Barrister-at-Law	County Health Offices, Llandrindod Wells, Radnor	Llandrindod Wells 2251

(b) County Borough Authorities

<i>Authority</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone</i>
England			
BARNSELY	E. C. Downer, M.A., D.P.H.	Town Hall, Barnsley, Yorks.	Barnsley 3232
BARROW-IN-FURNESS	G. G. Dickie, M.B., ch.B., D.P.H.	Town Hall, Barrow-in-Furness, Lancs.	Barrow 600
BATH (City of)	B. A. Astley Weston, M.B., ch.B. (Bristol), M.R.C.S., L.R.C.P. (Eng.) D.P.H. (Bristol)	The Health Office, Sawclose, Bath, Som.	Bath 5411
BIRKENHEAD	F. G. Foster, M.A., M.D., ch.B. (Edin.), D.P.H.	9, Hamilton Square, Birkenhead, Cheshire	Birkenhead 3080 (Ext. 200)
BIRMINGHAM (City of)	H. P. Newsholme, M.A., M.D., F.R.C.P., B.Sc., D.P.H.	Council House, Birmingham, Warwicks.	Birmingham Central 7000 (Ext. 52)

<i>Authority</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone</i>
BLACKBURN	Dr. V. T. Thierens	Health Office, 66, Victoria Street, Blackburn, Lancs.	Blackburn 4111
BLACKPOOL	George W. Murray, M.B., D.P.H.	Municipal Health Centre, Whitegate Drive, Blackpool, Lancs.	Marton 460
BOLTON	R. M. Galloway, M.D. (Edin.), D.P.H. (Man.)	Public Health Offices, Civic Centre, Bolton, Lancs.	Bolton 4200
BOOTLE	J. F. Swan, M.D., D.R.C.O.G., D.P.H. (Glasgow)	Town Hall, Bootle, Lancs.	Bootle 4040
BOURNEMOUTH	H. Gordon Smith, M.D., B.S., M.R.C.S., L.R.C.P., D.P.M.	Town Hall, Bournemouth, Hants.	Bournemouth 2770
BRADFORD (City of)	J. Douglas, M.D.	Town Hall, Bradford, Yorks.	Bradford 29543
BRIGHTON	Rutherford Cramb, M.B., ch.B., D.P.H.	Health Department, Royal York Buildings, Old Steine, Brighton, Sussex	Brighton 6585
BRISTOL (City of)	R. H. Parry, M.D., B.S., F.R.C.P. (Lond.), D.P.H.	Kenwith Lodge, Westbury Park, Bristol, 6, Glos.	Bristol 26021
BURNLEY	D. C. Lamont, M.B., D.P.H.	Health Offices, 29, St. James' Street, Burnley, Lancs.	Burnley 2101 (Ext. 293)
BURTON-UPON-TRENT	W. Alcock, M.B., ch.B., B.HY., D.P.H.	Town Hall, Burton-upon-Trent, Staffs.	Burton 3569
BURY	K. K. Wood, M.B., D.P.H.	Public Health Offices, Tithebarn Street, Bury, Lancs.	Bury 1260
CANTERBURY (City of)	Dr. Malcolm S. Harvey	Health Department, Stour Street, Canterbury, Kent	Canterbury 4411
CARLISLE (City of)	James L. Rennie, M.D., F.R.F.P.S. (Glas.), D.P.H.	Public Health Department, 22, Fisher Street, Carlisle, Cumberland	Carlisle 1893-4
CHESTER (City of)	J. W. Lobban, M.A., M.D., D.P.H.	Town Hall, Chester	Chester 2770
COVENTRY (City of)	Dr. T. Morrison Clayton	Council House, Coventry, Warwicks.	Coventry 5555
CROYDON	S. L. Wright, M.D., M.R.C.P., D.P.H.	20, Katherine Street, Croydon, Surrey	Croydon 4433
DARLINGTON	Joseph V. Walker, M.D., M.R.C.P., D.P.H.	Feethams, Darlington, Yorks.	Darlington 5218
DERBY	V. N. Leyshon, M.D. (Lond.), D.P.H.	Council House, Corporation Street, Derby	Derby 2477 (Ext. 62)
DEWSBURY	E. D. Irvine, M.D., D.P.H.	Municipal Buildings, Halifax Road, Dewsbury, Yorks.	Dewsbury 1733-4
DONCASTER	J. F. Galloway, M.D., ch.B., M.R.C.S., L.R.C.P., D.P.M., D.P.H.	Wood Street, Doncaster, Yorks.	Doncaster 2447
DUDLEY	J. F. Martin, M.B., B.Ch., D.P.H.	Council House, Dudley, Worcs.	Dudley 4493
EASTBOURNE	John Fenton, M.B., B.Ch., B.A.O., D.P.H.	Avenue House, The Avenue, Eastbourne, Sussex	Eastbourne 5064
EAST HAM	Malcolm Barker, M.R.C.S., L.R.C.P., D.P.H.	Town Hall Annexe, East Ham, London, E.6	Grangewood 1430
EXETER (City of)	G. F. B. Page, M.D., D.P.H.	5, West Southernhay, Exeter, Devon	Exeter 54911
GATESHEAD	James Grant, M.D., D.P.H.	Greenesfield House, Gateshead, Durham	Gateshead 71187
GLOUCESTER (City of)	Charles Cookson, M.D., D.P.H.	Priory House, Gloucester	Gloucester 24416-7
GREAT YARMOUTH	K. J. Grant, M.A., M.B., ch.B., D.P.H.	Town Hall, Great Yarmouth, Norfolk	Great Yarmouth 3233

<i>Authority</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone</i>
GRIMSBY	J. A. Kerr, V.R.D., B.Sc., M.D., D.P.H.	Public Health Department, St. James' House, 1, Bargate, Grimsby, Lincs.	Grimsby 3108
HALIFAX	G. C. F. Roe, M.R.C.P., D.P.H., D.P.M.	Health Office, Powell Street, Halifax, Yorks.	Halifax 3711
HASTINGS	G. R. Bruce, D.P.H.	44, Wellington Square, Hastings, Sussex	Hastings 133-4
HUDDERSFIELD	J. M. Gibson, B.A., M.D., D.P.H.	Public Health Department, Huddersfield, Yorks.	Huddersfield 3641
IPSWICH	Dr. R. A. Leader	Elm Street, Ipswich, Suffolk	Ipswich 4311
KINGSTON-UPON-HULL (City and County of)	N. Gebbie, M.D., D.P.M., D.P.H.	Guildhall, Hull, Yorks.	Hull 36880
LEEDS (City of)	I. G. Davies, M.D., B.S., M.R.C.P., D.P.H.	Health Office, Market Buildings, Vicar Lane, Leeds, Yorks.	Leeds 30211
LEICESTER (City of)	E. K. Macdonald, O.B.E., M.D., B.S., D.P.H.	City Health Department, 1A, Greyfriars, Leicester	Leicester 5118
LINCOLN (City of)	M. L. Bery, M.B., Ch.B., D.P.H.	City Health Department, Beaumont Fee, Lincoln	Lincoln 8217
LIVERPOOL (City of)	W. M. Frazer, O.B.E., M.D., Ch.B., M.Sc., D.P.H.	Public Health Department, Gordon House, Belmont Grove, Liverpool, 6	Anfield 2271
MANCHESTER (City of)	C. Metcalfe Brown, M.D., D.P.H., Barrister-at-Law	Town Hall, Manchester	Central 3377
MIDDLESBROUGH	Charles L. Elder, M.B., Ch.B., D.P.H.	Health Department, Middlesborough, Yorks.	Middlesbrough 3201-5
NEWCASTLE-UPON-TYNE (City of)	W. S. Walton, G.M., M.D., B.Hy., D.P.H.	Town Hall, Newcastle-upon-Tyne, Northumberland	Newcastle 28520
NORTHAMPTON	Carrick G. Payton, M.D., Ch.B., D.P.H.	Health Office, 7A, St. Giles' Square, Northampton	Northampton 1005 (Ext. 34)
NORWICH (City and County of)	V. F. Soothill, M.D., D.P.H.	Churchman House, St. Giles, Norwich, Norfolk	Norwich 22233
NOTTINGHAM (City of)	William Dodd, M.D., M.R.C.P., D.P.H.	Huntingdon House, Nottingham	Nottingham 40551
OLDHAM	J. T. Chalmers Keddie, M.B., Ch.B., D.P.H.	Town Hall, Oldham, Lancs.	Main 5431
OXFORD (City of)	J. F. Warin, M.D., D.P.H.	"Greyfriars," Paradise Street, Oxford	Oxford 47212
PLYMOUTH (City of)	Dr. T. Peirson	Seven Trees, Lipson Road, Plymouth, Devon	Plymouth 61081
PORTSMOUTH (City of)	T. E. Roberts, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.	Municipal Offices, 1, Western Parade, Southsea, Hants.	Portsmouth 74581
PRESTON	J. S. G. Burnett, M.D., D.P.H.	Municipal Buildings, Preston, Lancs.	Preston 4881
READING	E. Hughes, M.D., D.P.H., D.P.A.	Town Hall, St. Lawrence's Churchyard, Friar Street, Reading, Berks.	Reading 4001
ROCHDALE	J. Innes, M.D., D.P.H.	Public Health Department, Rochdale, Lancs.	Rochdale 47474
ROTHERHAM	William Barr, M.D., D.Sc., D.P.H.	Health Department, Municipal Offices, Rotherham, Yorks.	Rotherham 2121
ST. HELENS	Frank Hauxwell, M.B., Ch.B. (Glas.), D.P.H. (Camb.)	Town Hall, St. Helens, Lancs.	St. Helens 4061
SALFORD (City of)	J. L. Burn, M.D., D.Hy., D.P.H.	143, Regent Road, Salford, 5, Lancs.	Trafford Park 1461
SHEFFIELD (City of)	Llywelyn Roberts, M.D., M.R.C.P., D.P.H.	Town Hall, Sheffield, Yorks.	Sheffield 20061

<i>Authority</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone</i>
SMETHWICK	Hugh Paul, M.D., B.Ch., B.A.O., D.P.H.	“ The Uplands,” Hales Lane, Smethwick, Staffs.	Smethwick 1576
SOUTHAMPTON	H. C. Maurice Williams, O.B.E., O.St.J., M.R.C.S., L.R.C.P., D.P.H.	Civic Centre, Southampton	Southampton 3855
SOUTHEND-ON-SEA	J. Stevenson Logan, M.B., ch.B., D.P.H.	Municipal Health Centre, Warrior Square, Southend-on-Sea, Essex	Southend-on- Sea 49451
SOUTHPORT	W. E. Fitzgerald, M.C., M.B., ch.B., D.P.H.	Municipal Health Centre, 2, Church Street, Southport, Lancs.	Southport 5523
SOUTH SHIELDS	W. Campbell Lyons, M.B., ch.B., D.P.H.	Stanhope Road, South Shields, Durham	South Shields 1941
STOCKPORT	John Yule, M.D., D.P.H.	Town Hall, Stockport, Cheshire	Stockport 4940
STOKE-ON-TRENT (City of)	A. Wotherspoon, M.B., ch.B., D.P.H.	Public Health Department, St. Peters Chambers, Stoke-on-Trent, Staffs.	Stoke-on-Trent 48241
SUNDERLAND	S. Stuart Hebblethwaite, M.C., M.B., ch.B., D.P.H.	Town Hall, Sunderland, Durham	Sunderland 56201
TYNEMOUTH	R. H. Dawson, M.B. ch.B., D.P.H.	Health Offices, North Shields, Northumberland	North Shields 1771-2
WAKEFIELD (City of)	F. Allardice, M.D., ch.B., D.P.H. (Edin.)	Town Hall, Wakefield, Yorks.	Wakefield 2731
WALLASEY	R. B. Berry, M.D., D.P.H., ch.B.	Town Hall, Wallasey, Cheshire	Wallasey 1600 (Ext. 120)
WALSALL	J. A. M. Clark, M.D., ch.B., D.P.H.	Council House, Walsall, Staffs.	Walsall 2155
WARRINGTON	Stuart F. Allison, M.B., ch.B., D.P.H.	Health Offices, Sankey Street, Warrington, Lancs.	Warrington 1282
WEST BRÖMWICH	J. Tudor Lewis, M.D., D.P.H.	2, Lodge Road, West Bromwich, Staffs.	West Bromwich 0721
WEST HAM	F. Roy Dennison, M.D., D.P.H.	225, Romford Road, West Ham, London, E.7	Maryland 3301
WEST HARTLEPOOL	J. W. McKeggie, M.B., ch.B., D.P.H.	Health Department, Durham House, Victoria Road, West Hartlepool, Durham	West Hartlepool 3487-8
WIGAN	J. H. Hilditch	Municipal Buildings, Library Street, Wigan, Lancs.	Wigan 3203
WOLVERHAMPTON	R. H. H. Jolly, M.D., D.P.H.	Health Offices, 59, Waterloo Road, Wolverhampton, Staffs.	Wolverhampton 24281
WORCESTER (City of)	A. J. B. Griffin, M.B., ch.B., D.P.H.	Guildhall, Worcester	Worcester 2347-8
YORK (City of)	C. B. Crane, M.B., B.S., D.P.H.	50, Bootham, York.	York 4811-2
Wales			
CARDIFF (City of)	J. Greenwood Wilson, M.D., F.R.C.P.	City Hall, Cardiff, Glam.	Cardiff 7940
MERTHYR TYDFIL	T. H. Stephens, M.B., ch.B., D.P.H.	Town Hall, Merthyr Tydfil, Glam.	Merthyr 105
NEWPORT	D. E. Lawrence, B.A., B.Sc., M.R.C.S., L.R.C.P., D.P.H.	Civic Centre, Newport, Mon.	Newport 2549 & 3111
SWANSEA	H.R. Tighe, M.D., F.R.C.S., D.P.H.	Public Health Department, Swansea, Glam.	Swansea 82821

II.—SCOTLAND

(a) County Council Authorities

N.B.—In the following list the names given in italics under the name of a county authority are those of the burgh health authorities within the geographical area of the administrative county concerned. These burgh authorities are independent local health authorities and are alphabetically listed, with appropriate details, in the next section, “(b) Burgh Authorities.”

<i>Authority</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone</i>
ABERDEEN* <i>Aberdeen</i>	Harry J. Rae, M.C., M.A., M.B., ch.B., D.P.H.	4, Albyn Place, Aberdeen	Aberdeen 8950
ANGUS <i>Arbroath, Dundee</i>	Dr. J. MacFarlane Thomson	Public Health Department, “Ravenswood,” Forfar, Angus	Forfar 567
ARGYLL	John A. C. Guy, M.B., ch.B., D.P.H.	Public Health Department, County Buildings, Oban, Argyll.	Oban 2489
AYR <i>Ayr, Kilmarnock</i>	Dr. C. A. Bignold	County Buildings, Ayr	Ayr 2201
BANFF	D. I. Walker, M.A., M.B., ch.B., D.P.H.	St. Leonards, Banff	Banff 112
BERWICK	Dr. A. Allan	County Offices, Duns, Berwicks.	Duns 230
BUTE	Dr. A. G. Mearns (<i>acting</i>)	County Offices, Rothesay, Bute	Rothesay 631-2
CAITHNESS	George Dick, M.B., B.Sc.	County Buildings, Wick, Caithness	Wick 247
CLACKMANNAN	J. A. Roughead, M.D., D.P.H.	Bedford Place, Alloa, Clackmannanshire	Alloa 781-2
DUMFRIES <i>Dumfries</i>	S. K. Drainer, M.B., ch.B., D.P.H.	County Buildings, Dumfries	Dumfries 1343-6
DUMBARTON <i>Clydebank, Dumbarton</i>	Dr. S. Harvey	88, College Street, Dumbarton	Dumbarton 560-4
EAST LOTHIAN	A. D. Campbell, M.B., ch.B., D.P.H.	County Buildings, Haddington, East Lothian	Haddington 245-8
FIFE <i>Dunfermline, Kirkcaldy</i>	Dr. G. Matthew Fyfe	County Buildings, Cupar, Fife	Cupar 2381
INVERNESS <i>Inverness</i>	E. A. Johnston, M.A., M.B., ch.B., D.P.H.	County Buildings, Aldross Street, Inverness	Inverness 870
KINCARDINE*	Harry J. Rae, M.C., M.A., M.B., ch.B., D.P.H.	56, Arduthie Road, Stonehaven, Kincardine	Stonehaven 344
KINROSS	J. Kelman, M.D., D.P.H.	County Health Department, York Place, Perth	Perth 1271
KIRKCUDBRIGHT	Dr. A. Fraser	County Offices, Kirkcudbright	Kirkcudbright 144
LANARK <i>Airdrie, Glasgow, Coatbridge, Hamilton, Motherwell and Wishaw, Rutherglen</i>	Andrew G. Reekie, M.B., D.P.H.	County Offices, Beckford Street, Hamilton, Lanarks.	Hamilton 292-6
MIDLOTHIAN <i>Edinburgh</i>	J. Riddell, M.D., D.P.H.	10, Drumsheugh Gardens, Edinburgh, 3	Edinburgh 34861
MORAY AND NAIRN	Dr. I. C. Monro	County Buildings, Greyfriars Street, Elgin, Morayshire	Elgin 2603 (Ext. 5)
ORKNEY	W. B. Bannerman, O.B.E., M.R.C.S., (Eng.), L.R.C.P. (Lond.), D.P.H.	Albert Street, Kirkwall, Orkney	Kirkwall 310
PEEBLES	J. Riddell, M.D., D.P.H.	10, Drumsheugh Gardens, Edinburgh, 3	Edinburgh 34861
PERTH AND KINROSS <i>Perth</i>	J. Kelman, M.D., D.P.H.	County Health Department, York Place, Perth	Perth 1271

* The City of Aberdeen and the counties of Aberdeen and Kincardine have a Joint Medical Service for health purposes.

Authority	Medical Officer of Health	Address	Telephone
RENFREW <i>Greenock, Paisley, Port Glasgow</i>	Dr. J. S. M. Gray	16, Back Sneddon Street, Paisley, Renfrewshire	Paisley 4285-8
ROSS AND CROMARTY	Dr. J. L. Horne	Public Health Office, County Buildings, Dingwall, Ross	Dingwall 2172
ROXBURGH	J. R. Adam, M.B., ch.B., Edin. (1909), D.P.H., Edin. and Glas. (1913)	Public Health Office, Newtown Street, Boswells, Roxburgh	St. Boswells 2203
SELKIRK	G. M. Elliott, M.B., ch.B., D.P.H.	Public Health Department, Technical College, Galashiels, Selkirk	Galashiels 2675
STIRLING <i>Falkirk, Stirling</i>	E. N. Reid, M.A., B.Sc., M.B., ch.B., D.P.H.	County Offices, Viewforth, Stirling	Stirling 1000
SUTHERLAND	K. A. MacRae, J.P., M.B., ch.B., D.P.H.	Public Health Office, Bonar Bridge, Sutherland	Ardgay 217
WEST LOTHIAN	L. J. Howie, M.B., ch.B., D.P.H.	County Buildings, Linlithgow, West Lothian	Linlithgow 250
WIGTOWN	R. M. Gordon, M.B., ch.B., D.P.H.	Public Health Offices, Douglas House, Newton Stewart, Wigtown	Newton Stewart 75
ZETLAND	Dr. S. A. B. Black	Brentham Place, Lerwick, Zetland	Lerwick 223

(b) Burgh Authorities

Authority	Medical Officer of Health	Address	Telephone
ABERDEEN* (City of)	Dr. H. J. Rae, M.C., M.A., M.B., ch.B., D.P.H.	4, Albyn Place, Aberdeen	Aberdeen 8950
AIRDRIE	R. J. Lumsden, M.B., ch.B., D.P.H.	Royal Buildings, Airdrie, Lanarks.	Airdrie 2205
ARBROATH	Dr. N. S. Setten	42, Hill Street, Arbroath, Angus	Arbroath 2167
AYR	Dr. R. L. Leask	34, Newmarket Street, Ayr	Ayr 3087
CLYDEBANK	T. M. Hunter, M.D., D.P.H.	Municipal Buildings, Clydebank, Glasgow	Clydebank 1831-2
COATBRIDGE	R. Cordiner, M.B., ch.B., D.P.H., D.P.A.	Public Health Offices, Main Street, Coatbridge, Lanarks.	Coatbridge 767
DUMBARTON	Dr. C. C. Slorach	Public Health Office, Quay Street, Dumbarton	Dumbarton 188-9
DUMFRIES	E. Mills, M.B., ch.B., D.P.H.	Municipal Chambers, Dumfries	Dumfries 397
DUNDEE (City of)	Dr. W. L. Burgess	9, West Bell Street, Dundee, Angus	Dundee 5164
DUNFERMLINE	C. Barclay Reekie, M.B., ch.B., D.P.H.	1, Douglas Street, Dunfermline, Fife.	Dunfermline 1867-8
EDINBURGH (City of)	W. G. Clark, M.B., ch.B., D.P.H., F.R.C.P. (Ed.)	Public Health Chambers, Johnston Terrace, Edinburgh	Edinburgh 22071
FALKIRK	J. D. Finlayson, M.B.E., T.D.	Public Health Department, The Clinic, Kerse Lane, Falkirk, Stirlingshire	Falkirk 946
GLASGOW (City of)	S. I. A. Laidlaw	Public Health Department, 23, Montrose Street, Glasgow, C.1	Glasgow Central 9600
GREENOCK	Alexander Johnstone, M.C., M.A., M.D., ch.B., D.P.H.	Health and Welfare Depart- ment, 3, Shaw Place, Greenock, Renfrewshire	Greenock 1200

* The City of Aberdeen and the counties of Aberdeen and Kincardine have a Joint Medical Service for health purposes.

<i>Authority</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone</i>
HAMILTON	W. Gilmour, M.D., D.P.H.	Municipal Buildings, Hamilton, Lanarks.	Hamilton 85
INVERNESS	E. A. Johnston, M.A., M.B., Ch.B., D.P.H.	County Buildings, Ardross Street, Inverness	Inverness 870
KILMARNOCK	Bryce R. Nisbet, M.D., F.R.C.P. (Ed.), D.P.H.	Public Health Department, Grange Street, Kilmarnock	Kilmarnock 1600-1
KIRKCALDY	J. R. W. Hay, M.D., D.P.H.	1, St. Brycedale Road, Kirkcaldy, Fife	Kirkcaldy 2276
MOTHERWELL AND WISHAW	Dugald Ferguson, M.C., M.B., Ch.B., D.P.H.	Public Health Office, Child Welfare Buildings, Airbles Road, Motherwell, Lanarks.	Motherwell 351
PAISLEY	Dr. G. V. T. McMichael	20, Back Sneddon Street, Paisley, Renfrewshire	Paisley 3271
PERTH (City of)	Dr. John M. Aitken	22, York Place, Perth	Perth 2470-1
PORT GLASGOW	Dr. J. S. M. Gray	Public Health Department, 16, Back Sneddon Street, Paisley, Renfrewshire	Paisley 4285
RUTHERGLEN	Cochran Cross, M.B., Ch.B., D.P.H.	23, Crosshill Drive, Rutherglen, Lanarks.	Rutherglen 759
STIRLING	Dr. R. Lockhart	Municipal Buildings, Stirling	Stirling 1560

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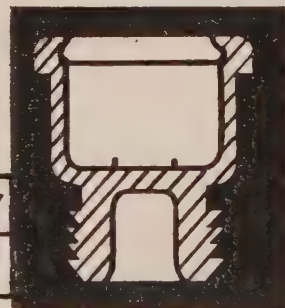


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BATH	BAT	R. S. Wilkins	8 & 9, Kingston Buildings, Abbey Churchyard, Bath, Somerset	5627/8
BEDFORD-SHIRE	BD	C. R. Derbyshire	65, de Parys Avenue, Bedford	2557
BERKSHIRE	BE	J. A. Davies	16, Eldon Road, Reading, Berks.	2126
BIRKENHEAD	BIK	W. J. Nugent	25, Hamilton Square, Birkenhead, Cheshire	514
BIRMINGHAM	BIR	K. F. G. Day	Sutton New Road, Erdington, Birmingham, 23	Erdington 2651/6
BLACKBURN	BLB	E. Stevenson	Cardwell Place, Blackburn, Lancs.	5756
BLACKPOOL	BLP	J. D. Tomlinson	Martin's Bank Chambers, Clifton Street, Blackpool, Lancs.	25212 (Ext. 13)
BOLTON	BOL	T. S. Barlow, J.P.	Central Hall, 9, Acresfield, Bolton, Lancs.	502
BOOTLE	BOO	T. A. Jones	61, Balliol Road, Bootle, Liverpool, 20.	2919
BOURNEMOUTH	BOU	R. W. Lowe	460, Christchurch Road, Boscombe, Bournemouth, Hants.	33433
BRADFORD	BRA	S. G. Hemms	Bank House, Manor Row, Bradford, Yorks.	24709
BRIGHTON	BRI	C. W. Followes	26, Bond Street, Brighton, 1, Sussex	2958
BRISTOL	BRs	E. L. Hancock	129, Pembroke Road, Bristol, 8	34066/7
BUCKINGHAM-SHIRE	BU	S. T. Wood	Walton House, Walton Street, Aylesbury, Bucks.	203
BURNLEY	BRY	R. A. Baxter	92, Manchester Road, Burnley, Lancs.	2730
BURTON UPON TRENT	BUN	J. W. H. Cureton	27, Union Street, Burton upon Trent, Staffs.	3522
BURY	BUY	P. F. Park	20, Manchester Road, Bury, Lancs.	604
CAMBRIDGE-SHIRE	CB	G. B. Halls	16, Station Road, Cambridge	4006
CARLISLE	CAL	Miss L. I. Cartmell	Midland Bank Chambers, 1, Bank Street, Carlisle, Cumberland	447
CHESHIRE	CH	F. T. West	28, Nicholas Street, Chester	572
CHESTER	CHE	H. Jones	19, White Friars, Chester	3224
CORNWALL	CR	F. A. Penrose	11, St. George's Road, Truro, Cornwall	2139
COVENTRY	COV	J. C. Lee Gordon, J.P.	8, Priory Row, Coventry	3459
CROYDON	CRO	E. Bergdahl	14, Katharine Street, Croydon, Surrey	1188
CUMBERLAND	CU	E. Ferguson	7, Chatsworth Square, Carlisle, Cumberland	349
DARLINGTON	DAL	T. H. Easby	Burton's Chambers, 9, Northgate, Darlington, Co. Durham	2447
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DEWSBURY	DEY	J. W. Milton	Church House, Church Street, Dewsbury, Yorks.	2191
DONCASTER	DCR	A. Jackson	52, High Street, Doncaster, Yorks.	3001
DORSET	Do	W. Lang	22, High East Street, Dorchester, Dorset	476
DUDLEY	DUD	Miss A. Webb	193, Wolverhampton Street, Dudley, Worcestershire	2202
DURHAM	DR	J. E. Bradley	20, New Elvet, Durham	403
EASTBOURNE	EST	E. C. Cole	24A, Cornfield Terrace, Eastbourne, Sussex	884
EAST HAM	ETH	C. Coote	345, High Street North, Manor Park, London, E.12	GRAngewood 0260
ESSEX	Ex	W. A. Chapman	131/133, Fillebrook Road, Leytonstone, London, E.11	LEYtonstone 1061
GATESHEAD	GAT	K. N. Ogden	60, Bewick Road, Gateshead, 8, Co. Durham	71475
GLOUCESTER: COUNTY AND CITY	Gg	W. J. T. Little	12, College Green, Gloucester	20278
GREAT YARMOUTH	GRY	W. J. Hall	17, South Quay, Great Yarmouth, Norfolk	2114
GRIMSBY	GYy	K. Pridgeon	(1st Floor), 91, Cleethorpe Road, Grimsby, Lincs.	4113
HALIFAX	HAL	Miss M. E. Brooke	13 & 15, King Cross Street, Halifax, Yorks.	2456
HAMPSHIRE	So	F. Steed	39, Southgate Street, Winchester, Hants.	2427
HASTINGS	HAS	J. L. Childs	21, Claremont, Hastings, Sussex	117
HEREFORD- SHIRE	HR	E. Newton	14A, St. Owen Street, Hereford	2459
HERTFORD- SHIRE	HT	A. E. Short	156/158, Fore Street, Hertford	3495
HUDDERS- FIELD	HUD	H. Holland	49, New North Road, Huddersfield, Yorks.	1655
HUNTINGDON- SHIRE	HU	G. Oates	38, High Street, Huntingdon	303
IPSWICH	Ips	F. W. Hart	Elm House, 25, Elm Street, Ipswich, Suffolk	2517
ISLE OF ELY	IE	A. R. Marsh	Bank House, March, Cambs.	3231
ISLE OF WIGHT	IW	W. Bell	Holyrood Chambers, Holyrood Street, Newport, Isle of Wight	2100
ISLES OF SCILLY	Is	R. M. Stephenson	Town Hall, St. Mary's, Isles of Scilly, Cornwall	Scillonia 27
KENT AND CANTERBURY	Kc	W. Hewetson	11, Station Road, Maidstone, Kent	4170
KINGSTON UPON HULL	KHU	R. S. Mountain	Central Chambers, 52, Ferensway, Kingston upon Hull, Yorks.	35899 (2 lines)
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LEICESTER	LEC	C. O. Ball	96, London Road, Leicester	21525
LEICESTER- SHIRE AND RUTLAND	Ld	T. Crew	130, Regent Road, Leicester	5005

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LINCS. (KESTEVEN)	LK	R. Deeks	16, Finkin Street, Grantham, Lincs.	174
LINCS. (LINDSEY)	LL	C. H. Smith	17, Tentercroft Street, Lincoln	11040
LIVERPOOL	LIP	W. Gill Hodgson, O.B.E.	36, Princes Road, Liverpool, 8	Royal 5666
LONDON	LN	C. H. Lyon	Insurance House, Insurance Street, London, W.C.1	TERminus 2266 (3 lines)
MANCHESTER	MAN	J. W. Dewhurst	Ardwick Town Hall, Ardwick Green North, Manchester, 12	ARDwick 3136/7
MIDDLES- BROUGH	MID	R. Mold	89, Grange Road, Middlesbrough, Yorks	2148
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NEWCASTLE UPON TYNE	NEW	A. Morris, J.P.	16, Fremlington Place, Newcastle upon Tyne	Newcastle 21056/9
NORFOLK	NF	R. J. Cobb	54, Prince of Wales Road, Norwich, Norfolk	25154
NORTHAMPTON	NOH	A. Campin	32, Billing Road, Northampton	403
NORTHAMP- TONSHIRE	No	P. Stroulger	17A, The Drapery, Northampton	2193
NORTHUMBER- LAND	NR	J. B. Hannay	10, Ellison Place, Newcastle upon Tyne, 1	23524
NORWICH	NOR	J. W. Copeland, M.B.E.	Suckling House, St. Andrew's Hill, Norwich, Norfolk	25551
NOTTINGHAM: COUNTY AND CITY	NN	N. F. Baylis	11, The Ropewalk, Nottingham	42084/6
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OXFORD: COUNTY AND CITY	Ox	V. R. Parry	73, George Street, Oxford	2798
PLYMOUTH	PLY	T. Crichton	Dispensary Buildings, Catherine Street, Plymouth, Devon	2411
PORTSMOUTH	POR	A. R. Goddard	66/74, Pearl Buildings, Commercial Road, Portsmouth, Hants.	5697
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READING	RED	Jack Blunden	10, Gun Street, Reading, Berks.	2412/3
ROCHDALE	ROC	L. S. Dixon	Champness Hall, Rochdale, Lancs.	2841
ROTHERHAM	ROT	H. K. Robson	All Saints' Buildings, Corporation Street, Rotherham, Yorks.	2647
ST. HELENS	STL	W. Shaw	9, Hardshaw Street, St. Helens, Lancs.	3417
SALFORD	SLF	J. S. G. Clough	Irwell Place, Crescent, Salford, 5	PENdleton 2535
SALOP	SA	F. Mooney	"Abbeydale," 39, Abbey Foregate, Shrewsbury, Salop	2286
SHEFFIELD	SHE	J. H. Cargill	46, Kenwood Road, Sheffield, 7, Yorks.	50053/4
SMETHWICK	SME	A. R. J. Penny	Barclay's Bank Chambers, South Road, Smethwick, 41	0252
SOKE OF PETER- BOROUGH	SK	E. A. H. Ward	65A, Westgate, Peterborough, Northants.	2287

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SOUTHAMPTON	SOH	C. A. Blundy	5, Rockstone Place, Southampton, Hants.	2544
SOUTHEND-ON-SEA	STH	P. H. Drew	Coronation Buildings, 51, High Street, Southend-on-Sea, Essex	3252
SOUTHPORT	SOP	D. G. Flinn	38, Hoghton Street, Southport, Lancs.	3297
SOUTH SHIELDS	SOS	A. Waller	Caxton Buildings, 2, Keppel Street, South Shields, Co. Durham	624
STAFFORD-SHIRE	ST	W. V. Hodgens	Market Square, Stafford	168
STOCKPORT	SPT	W. Hammond	13, Greek Street, Stockport, Cheshire	2462
STOKE-ON-TRENT	STO	H. Wallett	Union Offices, 80, High Street, Stoke-on-Trent, Staffs.	48621/2
SUFFOLK (EAST)	SU	G. Ranson	32, Silent Street, Ipswich, Suffolk	4077
SUFFOLK (WEST)	SW	H. Higginson	Crescent House, Angel Hill, Bury St. Edmunds, Suffolk	77
SUNDERLAND	SUN	H. H. Coultish	Baliol Chambers, West Sunnyside, Sunderland, Co. Durham	4518
SURREY	SY	S. H. Bennett	8, Penrhyn Road, Kingston-upon-Thames, Surrey	8933/5
SUSSEX (EAST)	TE	H. J. Hall	Castlegate, 168, High Street, Lewes, Sussex	185
SUSSEX (WEST)	TW	G. G. Down	63, South Street, Chichester, Sussex	2895
TYNEMOUTH	TYN	F. S. Jones	11, Northumberland Square, North Shields, Northumberland	493
WAKEFIELD	WAK	H. Briggs	4, Grove Road, Kirkgate, Wakefield, Yorks.	2609
WALLASEY	WAA	E. W. Dutton	68, King Street, Wallasey, Cheshire	6085/6
WALSALL	WAL	H. T. Hamilton	Hatherton Bldgs., Hatherton Road, Walsall, Staffs.	2656
WARRINGTON	WAR	A. Tilling	73, Sankey Street, Warrington, Lancs.	68
WARWICK-SHIRE	WA	A. Frobisher	15, Waterloo Place, Leamington Spa, Warwickshire	481
WEST BROMWICH	WBH	C. H. Squire	Beehive Buildings, 2, Carters Green, West Bromwich, Staffs.	0061
WEST HAM	WEA	E. C. Bateman	235, Romford Road, Forest Gate, London, E.7	Maryland 1195
WEST HARTLEPOOL	WEH	A. J. Spink	"Magdala," 124, York Road, West Hartlepool, Co. Durham	2321
WESTMORLAND	WS	W. T. Cottam	60, Highgate, Kendal, Westmorland	308
WIGAN	WIG	A. Clarke	22, Rodney Street, Wigan, Lancs.	2555
WILTSHIRE	WL	H. S. Norton	Stallard Street, Trowbridge, Wilts.	2711
WOLVERHAMPTON	WOM	L. D. Thornton	Lynton Street, Wolverhampton, Staffs.	20963
WORCESTER CITY	WOS	A. J. Palmer	29, Foregate Street, Worcester	4074
WORCESTER-SHIRE	WR	G. A. Short	29, Foregate Street, Worcester	3995
YORK	YOR	H. Bell	133, Holgate Road, York	2542
YORKS. (EAST RIDING)	YE	E. V. Swann	65, Toll Gavel, Beverley, E. Yorks.	596

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YORKS. (WEST RIDING)	YW	C. H. Stabler	5, St. John's North, Wakefield, Yorks.	3153/4
Wales				
ANGLESEY	AS	Arthur Williams, J.P.	1, High Street, Llangefni	49
BRECONSHIRE	BR	V. R. Parry	Church House, Lion Street, Brecon	123
CAERNARVON-SHIRE	CA	E. L. Williams	22, Castle Square, Caernarvon	176
CARDIFF	CD	B. A. J. Griffiths	32, Cathedral Road, Cardiff	6974/5
CARDIGAN-SHIRE	CD	B. Hutchings	23, Great Darkgate Street, Aberystwyth	353
CARMARTHEN-SHIRE	CM	I. H. Davies	3-4, Hall Street, Carmarthen	405 (Ext. 28)
DENBIGHSHIRE AND FLINT-SHIRE	DT	Tudor Williams	11, Grosvenor Road, Wrexham, Denbighshire	3031/2
GLAMORGAN	GA	W. B. Samuel	47, Park Place, Cardiff	3176/7
MERIONETH-SHIRE	MR	D. G. Roberts	Beechwood House, Dolgelley	236
MERTHYR TYDFIL	MER	J. Knapp	Post Office Buildings, Merthyr Tydfil	128
MONMOUTH-SHIRE AND NEWPORT	MN	T. P. Garland	58, Caerau Road, Newport, Mon.	2881, 4033
MONTGOMERY-SHIRE	MY	J. E. Tomley, C.B.E.	Arthur Street, Montgomery	8
PEMBROKE-SHIRE	PK	W. C. Scourfield	9, Quay Street, Haverfordwest Pembrokeshire	275
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II.—SCOTLAND

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ABERDEEN AND KINCARDINE	AK	James G. Wallace	9, Bon Accord Square, Aberdeen	Central 8282/3
ANGUS	AN	James Ritchie	Clydesdale Bank Buildings, 71, Castle Street, Forfar	89
ARGYLL AND BUTE	AB	J. W. Shankland	Gibraltar Block, Queen Street, Dunoon	693
AYR	AR	Miss Jean H. D. Kerr	37, Bank Street, Kilmarnock	588
BANFF-MORAY AND NAIRN	BM	George Smith	Hamilton Drive, Elgin	7106
CAITHNESS	CN	A. B. Campbell	6, Back Bridge Street, Wick	142
DUMFRIES	DF	Wm. Dodds	35, Castle Street, Dumfries	931
DUMBARTON	DB	T. H. Souter, M.A., LL.B.	Lesser Burgh Hall, Church Street, Dumbarton	208
DUNDEE (CITY OF)	DEE	Alfred Huggins	93, Commercial Street, Dundee	4424
EDINBURGH (CITY OF)	EDB	James G. P. Stevenson, J.P.	20, Walker Street, Edinburgh, 3	27812
FIFE	FF	J. M. Duncan	157/9, High Street, Kirkcaldy	2429

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GALLOWAY (KIRKCUDBRIGHT AND WIGTOWN)	GY	Sam H. Seggie	Bank of Scotland Chambers, Kirkcudbright	53
GLASGOW (CITY OF)	GLW	Wm. S. Phillips, M.B.E., J.P.	5, Woodside Crescent, Glasgow, C.3	Douglas 2794/5
INVERNESS	IN	Miss M. McLean	17 Queensgate, Inverness	1163
LANARK	LR	Wm. Berry	38, Muir Street, Motherwell	939
LOTHIANS AND PEEBLES	LP	W. Wothespon	22, Rose Street, Edinburgh, 2	26847
ORKNEY	OR	Gordon D. Robertson	8, Broad Street, Kirkwall	310
PERTH AND KINROSS	PR	George D. Fraser	17, South Nethve Street, Perth	2518
RENFREW	RN	Alex. R. Howie	15, Forbes Place, Paisley	2135/6
ROSS AND CROMARTY	RC	P. A. Marshall	Bank of Scotland Buildings, Tulloch Street, Dingwall	3201
ROXBURGH, BERWICK AND SELKIRK	RS	James Scott	1, Bridge Street, Hawick	2221
STIRLING AND CLACK- MANNAN	SC	Daniel M. Millar	Old Burgh Buildings, King Street, Stirling	285
SUTHERLAND	SD	James Weir	c/o British Linen Bank Building, Golspie	58
ZETLAND	ZT	John S. Johnston	Fort Charlotte, Lerwick	389

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WHITLEY COUNCILS
FOR THE HEALTH SERVICES
(Great Britain)

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WHITLEY COUNCILS FOR THE HEALTH SERVICES

(Great Britain)

DETAILS are given below of the organisation of the Whitley Councils for the Health Services (Great Britain), which were set up during 1948 for the negotiation of remuneration and conditions of service for persons engaged in the National Health Service in Great Britain.

The National Machine

The National Whitley Machine consists of a General Council and nine functional councils. The General Council deals with those conditions of service and other matters which affect employees in more than one functional group, e.g. such things as a minimum code of conduct, the preparation of arbitration machinery, arrangements for travelling expenses and sick leave, while each functional council deals with remuneration and all other conditions of service requiring national decision, but affecting only the staff comprised within its group. From this it will be appreciated that the functional councils are not subsidiary to the General Council, but on a level with it, and that they are autonomous bodies, their decisions not being subject to approval by the General Council.

Each council consists of a management side and a staff side, the latter in the case of the General Council comprising representatives from the functional councils, and in the case of the functional councils themselves comprising the various participating staff organisations. It should be noted that the composition of the individual staff sides is entirely a matter for the organisations themselves to determine. The constitution of the General Council, which embodies most of the major features found in those of the functional councils, is published overleaf. The national machinery covers England, Scotland and Wales. To secure the proper representation of Scottish interests, provision has been made for a Scottish Advisory Committee.

Regional Machinery

Provision has also been made for Whitley machinery on a regional basis, the functions of such machinery being to deal with local questions arising from the application of national agreements, and any local disputes arising between management and staff of regional hospital boards, boards of governors of teaching hospitals, executive councils, etc. A further question with which the Whitley

Councils are concerned is that of Staff Committees at the level of the group or the individual hospital.

Whitley Council Decisions

Decisions of the Whitley Councils are arrived at by agreement between the two sides, sometimes reached after negotiations in the council concerned, and in joint committees of that council. Where agreement cannot be reached, the dispute may be referred to arbitration, where a final decision is given.

Decisions reached in the Whitley Councils are communicated to employing authorities by the Ministry of Health.

Participation in the work of the Whitley Machine

The Minister of Health has made it clear in a parliamentary reply (Hansard, 29th January, 1948) that persons employed in the National Health Service would not be required as a condition of service to belong to any organisation, professional or trade union, but at the same time he expressed the hope that, while there would be no compulsion, such employees would be encouraged to belong to their appropriate organisations. This being so, it was clear that arrangements had to be made for special paid leave for members of health service staffs to attend Whitley Council meetings, including separate staff side meetings and committee meetings directly connected with the Whitley Councils. Arrangements for this were approved at the first meeting of the General Council in December, 1948.

Progress to Date

Considerable progress has been made during the first eighteen months of existence of the Whitley Councils for the Health Services. Seven of the nine functional councils have been set up and are operating, and the General Council is also fully-constituted and at work. The only councils which remain to be constituted are the medical and dental functional councils, the establishment of these being still a matter of discussion with the organisations concerned.

There follows more detailed information concerning the scope, constitution and officers of the General Council and each of the seven functional councils in the Whitley machine.

MAIN CONSTITUTION **OF THE WHITLEY COUNCILS FOR THE HEALTH SERVICES** **(GREAT BRITAIN)**

(adopted at a meeting of the General Council held on 31st March, 1949)

1. Area

The sphere of operation of the Councils shall be England, Wales and Scotland.

2. Functions of the Councils

The functions of the Councils shall be—

- (i) To secure the greatest possible measure of co-operation between the Authorities responsible for the Nation's health and the general body of persons engaged in the health services, with a view to increased efficiency in the public service, and the well-being of those engaged in the services.
- (ii) To provide machinery for the consideration of remuneration and conditions of service of persons within the ambit of Section 66 of the National Health Service Act, 1946, and Section 65 of the National Health Service (Scotland) Act, 1947, excluding :—
 - (a) Persons in the administrative and clerical class employed by Local Health Authorities and in Scotland by Education Authorities.
 - (b) Domestic staffs employed by Local Health Authorities other than in residential institutions.
 - (c) Persons employed by voluntary organisations with whom Local Health Authorities make agency arrangements.
- (iii) To provide machinery for the consideration of the remuneration of persons with whom an Executive Council may make arrangements for the provision of general medical services, including maternity medical services, general dental services, pharmaceutical services or supplementary ophthalmic services, under Sections 33, 38, 40 or 41 of the National Health Service Act, 1946, or Sections 34, 39, 40 or 42 of the National Health Service (Scotland) Act, 1947.
- (iv) To provide machinery also for the consideration of the remuneration and conditions of service of persons in the service of Local Authorities engaged in employment analogous to those covered by (ii) above.
- (v) To provide machinery also for the consideration of the remuneration and conditions of employment of any persons whom the General Council may from time to time decide to admit within its scope.

3. Machinery

The Councils shall comprise—

- (i) A General Council.
- (ii) Nine functional Councils, dealing with particular groups of persons engaged in the health services, namely—
 - (a) Administrative and Clerical.
 - (b) Ancillary Grades.
 - (c) Dental.
 - (d) Medical.
 - (e) Nurses and Midwives.
 - (f) Optical.
 - (g) Pharmaceutical.
 - (h) Professional and Technical Staffs, Group A.
 - (i) Professional and Technical Staffs, Group B.
- (iii) A Scottish Advisory Committee.

4. Scope

- (i) Subject to (ii) and (iii) below, each of the functional councils specified in Clause 3 (ii) above shall determine remuneration and all conditions of service requiring national decision affecting directly only those persons comprised within its group.
- (ii) Where conditions of service other than remuneration affect two or three functional councils those conditions of service may be determined by the functional councils concerned acting together.
- (iii) Where conditions of service other than remuneration are of general application they shall be determined by the General Council.

5. Membership

A. General Council

(i) The Council shall consist of . . . members, of whom 26 shall be appointed to represent the authorities responsible for the administration of the Health Services (hereinafter termed the Management) and . . . shall represent the employees of those Authorities, and persons in contractual arrangement with Executive Councils (hereinafter referred to as the Staff).

(ii) The 26 representatives of the Management shall be appointed as follows :—

Ministry of Health (including Welsh Board of Health)	..	..	..	6
Department of Health for Scotland	..	..	..	2
Regional Hospital Boards—				
England and Wales	..	..	..	3
Scotland	..	..	..	1
Board of Governors of Teaching Hospitals in England and Wales	..	..	..	2
Executive Councils	..	..	..	2
County Councils Association	..	..	..	3
London County Council	..	..	..	2
Association of Municipal Corporations	..	..	..	3
Scottish Local Authority Associations	..	..	..	2

(iii) The 24 representatives* of the Staff shall be appointed by the Staff Sides of the nine Councils as follows :—

Administrative and Clerical	..	..	..	..	..	..	..	4
Ancillary Grades	..	..	..	..	..	..	..	4
Dental.								
Medical.								
Nurses and Midwives	..	..	..	..	..	..	..	4
Optical	..	..	..	..	..	..	..	3
Pharmaceutical	..	..	..	..	..	..	..	3
Professional and Technical Staffs—A	..	..	..	..	..	..	..	3
Professional and Technical Staffs—B	..	..	..	..	..	..	..	3

* Provisional figures only.

B. Functional Councils and Scottish Advisory Committee

The membership of the functional Councils and of the Scottish Advisory Committee shall be as provided by their Constitutions.

C. Scottish Representation

In determining membership of the General and Functional Councils, the Management and the Staff shall secure appropriate representation of Scottish interests.

6. Retirement of Members

Members shall retire from the Councils on ceasing to be members of or to hold office under the authority, organisation, Department or body by which they were appointed.

The members of the Councils shall retire on the 31st July of each year and shall be eligible for re-appointment. The original members of the Councils shall remain in office until the 31st July, 1950. Casual vacancies shall be filled by the original appointing body, which shall appoint a member to sit until the end of the current period.

7. Committees

Each Council may appoint such standing, special or sectional committees or sub-committees as may be considered necessary, and may delegate to such committees or sub-committees such powers as may be agreed. The Management and the Staff Side of committees and sub-committees of functional Councils and of the General Council may include representatives of organisations not represented on the Council.

8. Co-opted Members

Each Council may co-opt for any of its meetings representatives of organisations having a special interest in a particular matter, or persons not being members of the Council as may serve the purposes of the Council.

Each Council may appoint on any of its Committees, or allow any Committee to co-opt for any of its meetings, representatives of organisations having a special interest in a particular matter, or persons not being members of the Council, as may serve the special purposes of the Council ;

Provided that members thus co-opted shall serve only in a consultative capacity.

9. Chairman

Each Council shall appoint annually a chairman and vice-chairman. The chairman shall be appointed alternately from the Management and Staff Sides. If the chairman is a representative of the Management, the vice-chairman shall be a representative of the Staff and vice versa.

10. Secretaries

Each Council shall appoint joint secretaries and such other officers as the Council may think fit. The persons so appointed may or may not be members of the Council.

11. Quorum

The quorum of a Council shall consist of not less than one-third of the members entitled to be present on each side. In the absence of a quorum the chairman shall vacate the chair, and the business then under consideration shall be the first business to be discussed either at the next ordinary meeting or at a further special meeting to be held within 14 days after the date fixed for the first special meeting. The quorum of any committee of a Council shall, subject to any directions given by the Council, be determined by the Committee.

The proceedings of a Council or a Committee of a Council shall not be invalidated by any vacancy in their number or by any defect in the appointment of any member of the Council or the Committee.

12. Deputies

Where a member of a Council or a Committee is unable to attend any meeting, the organisation or body responsible for his appointment may send a deputy. A deputy shall have the right to speak and to vote as if he were a substantive.

13. References to the Scottish Advisory Committee

(i) If a Council decides that any matter before it falls to be considered in the light of special Scottish conditions, the matter shall be referred to the Scottish Advisory Committee.

(ii) If any two representatives on a Council claim that a matter before the Council should be considered by the Scottish Advisory Committee by reason of the existence of special Scottish conditions, the claim shall be referred to the Scottish Advisory Committee, and if the Scottish Advisory Committee is agreed that the matter is appropriate to be considered by that body it shall make its recommendations thereon to the appropriate Council.

(iii) If any claim in respect of special Scottish conditions is laid before the Scottish Advisory Committee without first having been laid before the appropriate Council, the Scottish Advisory Committee shall forthwith notify such Council of the substance of the claim, and shall then treat the claim as though it were submitted under the terms of paragraph (ii) of this Clause.

(iv) If any matter is referred to the Scottish Advisory Committee for consideration under paragraph (i), (ii), or (iii) of this Clause, and that Committee does not agree that the matter falls to be so considered, it shall advise the appropriate Council accordingly.

(v) The Scottish Advisory Committee may delegate to any standing or other sub-committee any or all of its advisory functions in relation to such field or interest as it may from time to time specify as the scope of the sub-committee.

(vi) All recommendations of the Scottish Advisory Committee or of any sub-committee acting on its behalf shall be reported to the appropriate Council which shall take such recommendation into account in making its decision, provided always that a Council shall be under no obligation to defer its decision pending receipt of the recommendation from the Scottish Advisory Committee if in its opinion either the matter is one of urgency, or the Scottish Advisory Committee has not submitted its recommendations within a reasonable time.

14. Meetings

Meetings of the Councils and of the Scottish Advisory Committee shall be held as often as required. The Chairman of a council or of the Scottish Advisory Committee shall call a special meeting upon a requisition from one-third of either side. The requisition and also the notice summoning the meeting shall state the nature of the business proposed to be transacted and the meeting shall take place within 21 days after the receipt of the requisition by the chairman and no business shall be transacted at any special meeting other than that specified in the notice summoning the meeting.

15. Decisions

Decisions of a Council or the Committee of a Council shall be reached by the concurrence of both sides. The decisions of any Committee of a Council shall require the approval of the Council of which it forms part unless power to decide has been formally delegated to that Committee by the Council.

The decisions of the General Council or of a functional Council shall be transmitted to the Minister of Health, the Secretary of State for Scotland, and the local authorities concerned.

16. Interpretation

Any question of the interpretation of a decision of a functional council or the General Council may be referred to that Council.

17. Arbitration

Every effort shall be made to accommodate differences of opinion between the two Sides of a Council in order to reach an agreed decision. Where it is impossible to accomplish this, it shall be open to the Management or the Staff organisations concerned to seek arbitration in accordance with the terms of an arbitration agreement to be determined by the General Council.

18. Finance

The cost of any activity undertaken by a Council shall be divided equally between the two Sides, unless otherwise determined by the Council.

19. Minutes

Minutes agreed by the Joint Secretaries shall be made for each Council or Committee meeting. The minutes of each General Council meeting shall be circulated to every member of each Council. The Minutes of each functional Council meeting shall be circulated to each member of that functional Council, to the joint secretaries of each other Council, and to every member of the General Council. The Minutes of each Committee meeting shall be circulated to each member of the committees, and the Council by which it was set up. The Minutes of the Scottish Advisory Committee shall be circulated to each member of the Committee and to the Joint Secretaries of each Council.

20. Application

(i) The provisions of this Constitution, other than Clause 5A, shall apply to each functional Council and, so far as appropriate, to the Scottish Advisory Committee, except as may be determined by such functional Council or the Committee with the consent of the General Council.

(ii) Each functional Council and the Scottish Advisory Committee may include in its own constitution such additional provisions as may seem necessary, provided that they do not conflict with the provisions of this constitution.

21. Amendment of Constitution

(i) The main constitution may be varied at any meeting of the General Council provided that notice of the terms of the proposed amendment has been circulated to each member of the General Council and each of the functional Councils at least 3 calendar months before the meeting.

(ii) Subject to the provisions of Clause 20 (i), the constitution of any functional Council may be varied at any meeting of the Council concerned, provided that notice of the terms of the proposed amendment has been circulated to each member of the Council at least 28 days before the meeting.

THE GENERAL AND FUNCTIONAL COUNCILS

THE GENERAL COUNCIL

The General Council deals with those conditions of service and other matters which are of general application to all staffs covered by the Whitley Councils for the Health Services (Great Britain), such as a minimum code of conduct. It also determines the lines of demarcation between the functional councils and has been responsible for drawing up and promulgating the Main Constitution of the Whitley Councils for the Health Services, which is printed above.

Officers

Chairman : Mr. J. W. Bowen, C.B.E., J.B. (*Chairman, Management Side*).

Vice-Chairman : Mr. Ben Smith (*Chairman, Staff Side*).

Joint Secretaries : Mr. J. A. Willis (*Secretary, Management Side*), Ministry of Health, Whitehall, London, S.W.1.

Mr. S. R. Speller (*Secretary, Staff Side*), Room 38, Tavistock House (North), Tavistock Square, London, W.C.1.

ADMINISTRATIVE AND CLERICAL STAFFS COUNCIL**Scope**

Administrative and clerical staffs in hospitals, and the officers of regional hospital boards, hospital management committees, boards of governors of teaching hospitals, executive councils, pricing bureaux and the Dental Estimates Board.

Officers

Chairman : Alderman W. L. Dingley (*Chairman, Management Side*).

Vice-Chairman : Mr. Bryn Roberts (*Chairman, Staff Side*).

Joint Secretaries : Miss H. M. Hedley

(*Secretary, Management Side*), Ministry of Health, Whitehall, London, S.W.1.

Mr. S. R. Speller (*Secretary, Staff Side*), Room 38, Tavistock House (North), Tavistock Square, London, W.C.1.

Composition of Management Side

	No. of members
Boards of Governors of Teaching Hospitals	2
Executive Councils :—	
England and Wales	2
Scotland	1
Regional Hospital Boards :—	
England and Wales	3
Scotland	1
Department of Health for Scotland	2
Ministry of Health	6

Composition of Staff Side

	No. of members
Association of Hospital and Welfare Administrators	1
Association of Officers of Executive Councils	2
Clerical and Administrative Workers' Union	1
Confederation of Health Service Employees	3
Institute of Hospital Administrators	3
National Association of Local Government Officers	6
National Union of General and Municipal Workers	1
National Union of Public Employees	2
Society of Clerks to Executive Councils	1
Transport and General Workers' Union	1

ANCILLARY STAFFS COUNCIL**Scope**

The Ancillary Staffs Council has within its purview domestic and analogous categories of

employees in hospitals and allied institutions and services.

Officers

Chairman : Lt. Commander H. Denton
(*Chairman, Management Side*).

Vice-Chairman : Mr. C. H. Beckett
(*Chairman, Staff Side*).

Joint Secretaries : Mr. R. C. J. Kenrick
(*Secretary, Management Side*), Ministry of Health, Whitehall, London, S.W.1.

Mr. W. D. Goss, O.B.E. (*Secretary, Staff Side*), Transport House, Smith Square, London, S.W.1.

Composition of Management Side

Ministry of Health (including Welsh Board of Health)	6
Department of Health for Scotland ..	2
Regional Hospital Boards :—	
England and Wales	3
Scotland	1
Boards of Governors of Teaching Hospitals in England and Wales ..	2
County Councils' Association	2
London County Council	1
Association of Municipal Corporations ..	2
Scottish Local Authority Associations ..	2

Composition of Staff Side

Confederation of Health Service Employees	4
National Union of General and Municipal Workers	4
National Union of Public Employees ..	4
Transport and General Workers' Union	4

NURSES AND MIDWIVES' COUNCIL

Scope

Nurses and midwives of all grades, including health visitors and nursery school staffs, other than teaching or domestic staffs.

Officers

Chairman : Mr. H. A. Goddard (*Chairman, Management Side*).

Vice-Chairman : Mr. C. A. W. Roberts
(*Chairman, Staff Side*).

Joint Secretaries : Miss M. E. Caiger
(*Secretary, Management Side*), Ministry of Health, Whitehall, London, S.W.1.

Miss F. G. Goodall, O.B.E. (*Secretary, Staff Side*), Royal College of Nursing, Henrietta Place, Cavendish Square, London, W.1.

Composition of Management Side

Ministry of Health	6
Department of Health for Scotland ..	2
Regional Hospital Boards :—	
England and Wales	3
Scotland	1
Boards of Governors of Teaching Hospitals in England and Wales ..	2
Association of Municipal Corporations ..	2
County Councils' Association	2
London County Council	2
Scottish Local Authority Associations ..	2
Association of Education Committees ..	2

Composition of Staff Side

Association of Hospital Matrons	2
Association of Supervisors of Midwives	1
Confederation of Health Service Employees	4

Association of Hospital and Welfare Administrators	1
National Association of Local Government Officers	4
National Union of General and Municipal Workers	3
National Union of Public Employees ..	4
Royal College of Midwives	6
Royal College of Nursing	12
Scottish Matrons' Association	1
Scottish Health Visitors' Association ..	1
Women Public Health Officers' Association	2

OPTICAL STAFFS' COUNCIL

Scope

The Optical Staffs' Council covers persons employed as ophthalmic or dispensing opticians in the National Health Service, and by local authorities in England and Wales outside the National Health Service, and persons providing supplementary ophthalmic services in arrangement with executive councils.

Officers

Chairman : Mr. G. H. Giles (*Chairman, Staff Side*).

Vice-Chairman : Mr. E. M. T. Firth
Joint Secretaries : Mr. L. H. G. Jewsbury
(*Secretary, Management Side*), Ministry of Health, Whitehall, London, S.W.1.

Mr. Ben Smith (*Secretary, Staff Side*), Association of Scientific Workers, 15, Half Moon Street, London, W.1.

Composition of Management Side

Ministry of Health	6
Department of Health for Scotland ..	2
Regional Hospital Boards :—	
England and Wales	3
Scotland	1
Boards of Governors of Teaching Hospitals in England and Wales (provisional)	2
County Councils Association	2
Association of Municipal Corporations ..	2
Association of Education Committees ..	1

Composition of Staff Side

Association of Dispensing Opticians Ltd.	6
Association of Optical Practitioners ..	4
Association of Scientific Workers	2
British Optical Association	2
Parliamentary Committee of the Co-operative Congress	2
Institute of Chemist Opticians	2
National Association of Opticians	2
Socialist Medical Association (Ophthalmic Group)	2
Society of Opticians	2
Scottish National Committee of Ophthalmic Opticians	2
Scottish Association of Opticians	2
Union of Shop, Distributive and Allied Workers	2
The Worshipful Company of Spectacle-makers	2

PHARMACEUTICAL COUNCIL

Scope

This Council deals with the remuneration and conditions of service of pharmacists both in the National Health Service, and employed

by local authorities in England and Wales outside the National Health Service. Within its scope also are persons providing pharmaceutical services under arrangements made by executive councils.

Officers

Chairman : Captain R. E. Dewberry
(*Chairman, Management Side*).

Vice-Chairman : Mr. D. Currie (*Chairman, Staff Side*).

Joint Secretaries : Mr. L. H. G. Jewsbury
(*Secretary, Management Side*), Ministry of Health, Whitehall, London, S.W.1.

Mr. H. Noble (*Secretary, Staff Side*), 4 & 5, Queen Square, London, W.C.1.

Composition of Management Side

Ministry of Health	6
Department of Health for Scotland ..	2
Regional Hospital Boards :—	
England and Wales	3
Scotland	1
Board of Governors of Teaching Hospitals in England and Wales ..	2
Local Health Authorities in England and Wales	1

Composition of Staff Side

National Pharmaceutical Union ..	7
Company Chemists Association Ltd. ..	3
Co-operative Union Ltd. ..	2
Pharmaceutical Standing Committee (Scotland)	6
Guild of Public Pharmacists	6
Association of Scientific Workers ..	1
Confederation of Health Service Employees	1

PROFESSIONAL AND TECHNICAL STAFFS' COUNCIL "A"

Scope

The Council covers almoners, chiropodists, occupational therapists, orthoptists, physicists, physiotherapists, psychiatric social workers, psychologists, radiographers, remedial gymnasts, speech therapists and dietitians other than catering officers.

Officers

Chairman : Mr. W. R. Robins (*Chairman, Management Side*).

Vice-Chairman : Mr. Ben Smith (*Chairman, Staff Side*).

Joint Secretaries : Mr. C. R. Gove (*Secretary, Management Side*), Ministry of Health, Whitehall, London, S.W.1.

Miss M. Neilson (*Secretary, Staff Side*), Chartered Society of Physiotherapy, Tavistock House (North), Tavistock Square, London, W.C.1.

Composition of the Management Side

Ministry of Health	6
Department of Health for Scotland ..	2
Regional Hospital Boards :—	
England and Wales	3
Scotland	1
Boards of Governors of Teaching Hospitals in England and Wales ..	2
County Councils' Association	1
London County Council	1
Association of Municipal Corporations ..	1

Association of Education Committees ..	1
Scottish Local Authority Associations ..	2

Composition of the Staff Side

Association of Occupational Therapists ..	1
Association of Psychiatric Social Workers ..	1
Association of Remedial Gymnasts ..	1
Association of Scientific Workers ..	1
British Dietetic Association	1
British Orthoptic Society	1
Chartered Society of Physiotherapy ..	4
College of Speech Therapists	1
Confederation of Health Service Employees	2
Hospital Physicists Association	1
Institute of Almoners	2
National Association of Local Government Officers	2
National Union of Public Employees ..	2
Scottish Association of Occupational Therapists	1
Society of Chiropodists	1
Society of Radiographers	2

PROFESSIONAL AND TECHNICAL STAFFS' COUNCIL "B"

Scope

The professional and technical grades within the scope of the Council are medical laboratory technicians, dental technicians, dispensing assistants, and engineers employed by hospital authorities.

Officers

Chairman : Bailie W. G. Ross (*Chairman, Management Side*).

Vice-Chairman : Mr. Haden Corser (*Chairman, Staff Side*).

Joint Secretaries : Mr. C. R. Gove (*Secretary, Management Side*), Ministry of Health, Whitehall, London, S.W.1.

Mr. Ben Smith (*Secretary, Staff Side*), Association of Scientific Workers, 15, Half Moon Street, London, W.1.

Composition of Management Side

Ministry of Health	6
Department of Health for Scotland ..	2
Regional Hospital Boards :—	
England and Wales	3
Scotland	1
Boards of Governors of Teaching Hospitals in England and Wales ..	2
County Councils' Association	1
London County Council	1
Association of Municipal Corporations ..	1
Association of Education Committees ..	1
Scottish Local Authority Associations ..	2

Composition of Staff Side

Association of Scientific Workers ..	2
Confederation of Health Service Employees	2
Institution of Hospital Engineers ..	2
Institution of Engineers-in-charge ..	2
National Association of Local Government Officers	2
National Union of Public Employees ..	2
Society of Goldsmiths, Jewellers and Kindred Trades	2
Union of Shop, Distributive and Allied Workers	2
Association of Supervisory Staffs, Executives and Technicians	2

DIRECTORY
OF
ORGANISATIONS
(Hospital and Health Services)

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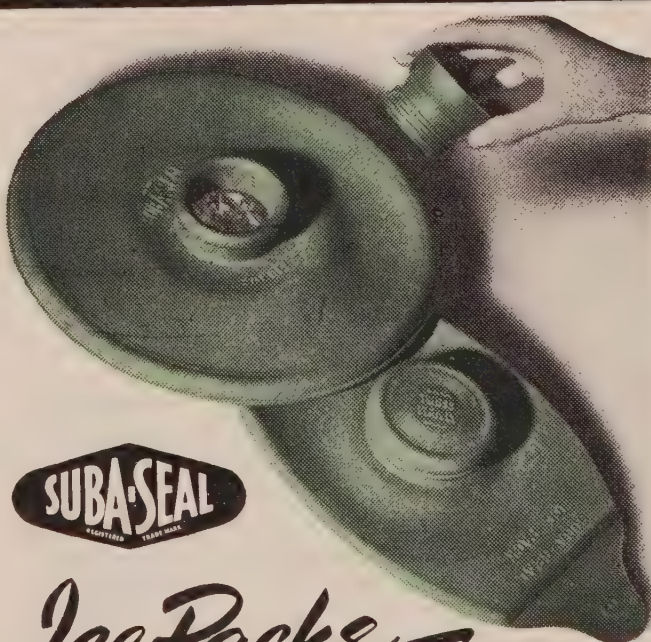
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DIRECTORY OF ORGANISATIONS

I—HOSPITAL AND HEALTH SERVICE STAFF ASSOCIATIONS
represented on the National Health Service Whitley Councils

Key to Symbols.

- * Denotes Registered Trade Union.
- † Denotes Affiliated to the Trades Union Congress.

- (a) Constituent member of the Administrative and Clerical Staffs Council.
- (b) " " " " Ancillary Staffs Council.
- (c) " " " " Nurses and Midwives Council.
- (d) " " " " Optical Staffs Council.
- (e) " " " " Pharmaceutical Council.
- (f) " " " " Professional and Technical Staffs Council "A."
- (g) " " " " Professional and Technical Staffs Council "B."

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
† Associated Dental Technicians Section of Society of Goldsmiths, Jewellers and Kindred Trades (g)	Organiser : W. A. Warrington, 331, Grays Inn Road, London, W.C.1. Terminus 3852.	Membership is limited to qualified dental technicians who are working to a prescription of a dentist. Qualification is through five years' apprenticeship. Apprentices are admitted on signing of indentures.
Association of Dispensing Opticians Ltd. (d)	M. G. Aird, 36, Cavendish Square, London, W.1. Mayfair 9559.	To promote and protect the status and interests of those engaged in the dispensing of optical prescriptions and in the manufacture and fitting of spectacles and other optical appliances. To raise the standard and skill of dispensing opticians and inaugurate and sponsor schemes of instruction and education to that end. To provide for the public a supply of trained and competent dispensing opticians and to give facilities to the legislature and other public bodies for conferring with and ascertaining the views of persons engaged in optical dispensing. <i>Examinations and Education.</i> Preliminary and Final Examinations in optical dispensing and instrumentation are held twice yearly. Special correspondence courses are conducted for the benefit of those unable to attend a recognised technical institute with a department in applied optics. Lectures are held from time to time on subjects of interest to dispensing opticians. <i>General.</i> Members have the right of attending regional area meetings, lectures of free preliminary advice on legal and insurance matters, of joining the Association's pension fund. <i>Eligibility for Membership.</i> All persons engaged solely in optical dispensing and all individuals in the employ of such persons. Also individuals engaged in the Permanent Eye Service as dispensing opticians. <i>Subscriptions.</i> £2.2.0, £1.1.0, or 10/6, according to qualified status. Entrance fee of £5.5.0d. to employer members.
Association of Executive Council Officers (formerly the Association of Insurance Committee Officers) (a)	Hon. Sec. : C. H. Lyon, "Alcombe" 277, Pickhurst Rise, West Wickham, Kent. Terminus 2266.	The Association of Insurance Committee Officers, some 2200 members, was formed in 1919 to look after the interests of officers of insurance committees who, not being employed by local authorities were not accepted as members by N.A.L.G.O. The Association took a leading part in the negotiations leading to the establishment of the Insurance Committee Officers' Superannuation Fund, and constitutes the majority of the Staff Side of the Whitley Council for Executive Council employees. They co-operated with the Faculty of Insurance and later with the Chartered Insurance Institute in providing educational facilities.
Association of Hospital Matrons (c)	Hon. Sec. : Miss M. J. Marriott, Middlesex Hospital, Mortimer Street, London, W.1. Musuem 8333.	The Association of Hospital Matrons was founded in 1919. Its membership is 1500. Membership of the Association is limited to nurses whose names are on the General Part of the Registers (or on the List of General Trained Nurses) maintained by the General Nursing Council for England and Wales, the General Nursing Council for Scotland, and/or the Joint Nursing and Midwives Council for Northern Ireland, and who hold the office of matron of a hospital for the care of the sick. The said hospitals include general, special, or mental hospitals, whether recognised training schools for nurses or not. Matrons of maternity hospitals, members of the naval, military and air force nursing services who hold the substantive rank of matron are also eligible for membership. The membership fee is £1.1.0. per annum and there is provision for life membership. The objects of the Association are to

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
Association of Hospital Matrons (c) <i>—contd.</i>		<p>enable members to take counsel together on matters affecting their profession, and for this purpose local groups are formed in various areas to consider, and, if necessary take action upon legislative or other proposals calculated to affect the interests of the nursing profession, to maintain the honour and further the interests of the Nursing profession and to promote in every possible way the well-being of the community. The business of the Association is in the hands of an Executive Committee of 15 and 3 or more honorary officers meeting monthly. One-third of the members retire annually, are eligible for re-election and are elected by postal ballot. General meetings are held not less than three times a year.</p>
Association of Hospital and Welfare Administrators (a, c)	<i>Hon. Gen. Sec. :</i> C. S. Brumpton, 449, Rochdale Road, Oldham, Lancs. Main 4687.	<p>Founded 1898 as the National Association of Administrators of Local Government Establishments. To organise and associate the undermentioned classes of officers for the consideration of matters affecting their duties, interests and responsibilities, i.e.,—Senior administrative officers of residential establishments administered under the provisions of the National Health Service Act 1946, National Assistance Act 1948, Children Act 1948 and other residential establishments administered by state or local authorities, and deputy or assistant administrators as associate members. To watch the administration of Acts of Parliament and Statutory Rules, Orders and Regulations issued by government departments controlling establishments as set out above. To consider proposed legislation which appears likely to affect members of this Association and to make appropriate representations thereon. To make corporate representations to government departments, regional and local authorities. To improve conditions of service and to protect the interests of members. To provide legal or other assistance when necessary in matters pertaining to the employment of members, or incidental thereto. To act where necessary in conjunction with the National Association of Local Government Officers in any of the matters set out in the preceding clauses. <i>Periodical Publications</i> :—Year Book, Quarterly Bulletin, papers published.</p>
Association of Occupational Therapists (f)	Miss J. Oldnall, 251, Brompton Road, London, S.W.3. Kensington 5032.	<p>The objects of the Association are (a) to provide a central organisation of and for occupational therapists, both men and women. (b) to make and maintain registers of persons qualified to practise occupational therapy, and, in particular, a register of persons to whom certificates or diplomas of proficiency have been granted by the Association. (c) to provide, support and encourage education, instruction and training in occupational therapy, to provide uniformity in curricula in the training of persons intended for that profession, to advise on courses of study and technical education, and to diffuse information calculated to ensure the fitness of persons desirous of qualifying as occupational therapists. (d) to conduct examinations and to award and issue, cancel and withdraw, certificates and diplomas, and to establish scholarships, grants rewards and other benefactions.</p> <p>Membership of the Association is open to :—Holders of a Diploma granted or recognised by the Association ; any person who has been at any previous time a member of the Association prior to incorporation ; holders of a diploma of one of the schools approved by the unincorporated Association, prior to the institution of the unincorporated Association's examinations ; those who have had considerable experience in an established occupation department and who fulfil certain conditions. (This form of membership was open till 5th July, 1949, only.) Associateship of the Association is open to those interested in Occupational Therapy who are not eligible for Membership.</p>
Association of Optical Practitioners (d)	G. H. Giles, F.B.O.A.(Hons)., <i>F.S.M.C.</i> , 65, Brook Street, London, W.1. Mayfair 1091	<p>To represent ophthalmic opticians whose names are entered on the list of the Central Professional Committee (England and Wales), or Scotland or the corresponding Committee for Northern Ireland, or hold the Diplomas of the recognised ophthalmic optical examining bodies.</p>
Association of Psychiatric Social Workers (f)	Mrs. M. M. Ottley, 1, Park Crescent, London, W.1. Welbeck 0355.	<p>Membership of this Association is only open to persons who have qualified in the Mental Health Course organised by the Universities of London, Edinburgh and Manchester. It exists as a professional organisation and its objects are to promote a better understanding of social work in the mental health field, to provide opportunities for members</p>

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
Association of Psychiatric Social Workers (f) —contd.		<p>to improve and increase their professional knowledge and skill and to safeguard their interests in matters affecting conditions of work and salaries. Meetings are organised monthly on matters of professional interest, and members exchange their views and experiences. There are various sub-committees and study groups in connection with the Association. The Association publishes annually the <i>British Journal of Psychiatric Social Work</i> (3/6d.) and has also published several pamphlets on specific subjects.</p>
Association of Remedial Gymnasts (f)	Alan L. Meek, Hamilton House, Bidborough Street, London, W.C.1. Euston 1086.	<p>An Association of hospital trained remedial gymnasts qualified to give exercise therapy under the direction of a registered medical practitioner. Association members have been trained in the theory and practice of specific and general therapeutic exercise and recreational therapy in the treatment of pathological conditions and postural abnormalities. This training includes a special study of the technique of grading patients for group treatment and the methods which can be used to rehabilitate fully the patient to the requirements of industrial and domestic life. The aims of the Association are to maintain high professional standards among its members by the organisation of courses and conferences and the circulation of instructive literature; to provide its members with the means of representation in negotiations with other bodies; and to provide an appointments bureau for the use of employing authorities and members.</p>
*† Association of Scientific Workers (d, e, f, g,)	Roy Innes, B.Sc., 15, Half Moon Street, London, W.1. Grosvenor 4761.	<p>Membership covers the following occupational groups in the health services: bacteriologists, biochemists, dietitians, hospital engineers, medical and other laboratory technicians, pathologists, pharmacists, clinical photographers, physicians (engaged on research work), physicists, psychologists, radio-graphers and electro-physiologists.</p>
Association of Supervisors of Midwives (c)	Miss M. E. Platt, Supervisor of Midwives, 358, Watford Way, Hendon, London, N.W.4. Hendon 3478.	<p>Supervisors of Midwives shall be eligible for Membership as follows:—(a) existing members—medical and non-medical; (b) medical and non-medical supervisors who comply with the prescribed regulations of the Ministry of Health and any further regulations which may be drawn up in the future. (c) medical and non-medical supervisors approved by the Committee of the Association.</p> <p>The objects of the Association shall be:—(a) to promote uniformity and high standard of supervision of midwives and invite discussion on subjects of interest to members; (b) to arrange a post-graduate course for at least one week each year, the course to be in accordance with Rules 9, 10 and 11 of the Central Midwives Board.</p> <p>The official organ of the Association shall be "The Medical Officer".</p>
*† Association of Supervisory Staffs, Executives and Technicians (Asset) (g)	Gen. Sec.: H. G. Knight, 110, Park Street, London, W.1. Mayfair 8542.	<p>Membership includes foremen, technicians and managers throughout manufacturing industry and in workshops ancillary to land and air transport. Principal trades:—engineering, shipbuilding, chemicals, textiles, building, hospital engineers, railways, air and road transport, metals, gas and electricity.</p> <p>Objects: to act on behalf of members in matters affecting their salaries and conditions, to raise the status of supervisory grades and to promote good management in industry. To provide personnel of the highest attainments for the administration of national industry, and to prepare plans to secure the maximum industrial production.</p>
British Dietetic Association (Incorporated) (f)	Miss K. Fitzpatrick, 251, Brompton Road, London, S.W.3. Kensington 9173.	<p>The Association was formed in 1936 and was incorporated in 1949. The membership, at present stands at:—full 380, affiliate 43, associate 65, overseas 59, honorary 45. Total 592</p> <p>The objects of the Association include:—maintaining contact between dietitians employed in various types of posts in the United Kingdom, the Dominions, the continent of Europe, and the United States of America; providing liaison between members and employing authorities by means of an appointments section conducted from the Association's office; negotiating salary scales and conditions of service for dietitians; holding meetings for scientific objects and publishing a quarterly journal, "Dietetics, Nutrition, Catering"; establishing and maintaining standards of training and the inspecting of the dietetic departments of all hospitals recognised as practical training schools.</p>

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Membership, Objects, etc.</i>
British Optical Association (d)	G. H. Giles, F.B.O.A.(Hons), F.R.M.S., 65, Brook Street, London, W.1. Mayfair 3382.	<p>Membership open to candidates who have passed the Fellowship examination of the British Optical Association and have complied with the conditions regarding professional training etc.</p> <p>Objects of the Association :—(i) the encouragement of (a) the science of optics, and (b) the art of the application of the science of optics to the improvement of human vision ; (ii) the protection of the members of the Association from influences inimical to the prosperity of the profession of an optician ; (iii) the doing of all such other lawful things as are incidental or conducive to the attainment of the above objects, provided that the Association shall not impose on its members or support with its funds any regulation or object which, if an object of the Association, would make it a trade union.</p>
British Orthoptic Society (f)	Miss S. M. Craig, Herne House Farm, Ruckinge, Ashford, Kent. Ham Street 227.	<p>Membership of the Society is open to all Orthoptists qualified by the Orthoptic Board. The Society has three branches (Northern, Midland and London), which hold clinical meetings and demonstrations at which ophthalmic surgeons and orthoptists are invited to read papers. The Society publishes the Orthoptic Journal, an annual publication containing articles written by orthoptists and papers which have been read at the branch meetings. All members of the Society are registered medical auxiliaries.</p>
Chartered Society of Physiotherapy (f)	Miss M. J. Neilson, Tavistock House (North), Tavistock Square, London, W.C.1. Euston 1676.	<p>Membership of the Chartered Society of Physiotherapy is granted to persons who have taken the prescribed training in physiotherapy and who have passed the Chartered Society's qualifying examinations</p> <p>The Chartered Society is not only the recognised training, examining, and registering body for chartered physiotherapists, but is also their professional association. It originated from the Society of Trained Masseuses, founded in 1894 when it consisted of 10 members. Having increased its membership to over 250 by the year 1900, it became incorporated and was known as the Incorporated Society of Trained Masseuses. In 1920, when its membership had reached 5,000 it was granted a Royal Charter and became the Chartered Society of Massage and Medical Gymnastics, and now, with over 16,000 members, it has adopted the name of the Chartered Society of Physiotherapy to denote the widening scope of the work undertaken by its members.</p> <p>The executive body of the Chartered Society is a Council composed of elected and co-opted members with the addition of regional representatives.</p> <p>Amongst other activities the Council arranges an annual congress open to all members and designed to keep them in touch with the latest developments in their profession. Lectures and demonstrations are given by eminent medical practitioners and physiotherapists, and classes and demonstrations are arranged.</p> <p>The Chartered Society's Journal is published monthly and is devoted to the interests of physiotherapists. It contains articles on various aspects of physiotherapy and on current affairs and, through its correspondence columns, reports and announcements, keeps members informed of the Society's activities.</p> <p>Local branches have been formed in various parts of the country by the efforts of members, and already number 59. By means of lectures and local regional meetings these branches keep members in touch with developments in their work and form a channel through which the opinions and wishes of members are brought forward for consideration by the Council.</p> <p>The Society's branches are grouped together into 14 regional boards covering England, Wales, Scotland and Ireland.</p>

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
*†Clerical and Administrative Worker's Union (a)	F. C. Woods, 70, St. George's Square, London, S.W.1. Victoria 5961.	Categories of Staff : All grades of clerical, including telephonists, secretarial and office administrative staffs. Objects of the Union are : To regulate relations between clerical and administrative workers and their employers and between such workers and other workers ; to maintain funds for these purposes and for the relief of members when victimised, or in distress, and to assist members in obtaining employment ; to maintain funds in the special benefit section for the relief or assistance of members when unemployed or sick or in old age, and in other contingencies, and for the relief of the dependents of deceased members ; to provide legal aid for members in connection with their employment ; to co-ordinate the activities of clerical and administrative workers, to promote a common programme and policy, and to advance the economic and social interests of the members ; to facilitate co-operation among organisations catering for similar grades, whether included or not within the Union ; to promote friendly relationship and further co-operation between the Union and the organisations representing the manual workers ; to assist the members of the Union to obtain democratic control over their several industries and services ; to strengthen the Union by undertaking propaganda, educational and political work ; generally to promote the welfare of its members ; to promote, or assist in securing, legislation in the interests of its members.
College of Speech Therapists (f)	Mrs. B. Moggridge, B.A., 68, Queen's Gardens, London, W.2. Paddington 0661.	The College of Speech Therapists is the central administrative and examining body of the profession. Training is taken in six registered schools, and is of three years duration. Candidates must be 18 years' of age and must have at least the School Leaving certificate, though a higher qualification is preferred. Posts are obtained with most of the county and county borough education authorities and in the great majority of hospitals. Entrance to the College is by examination when successful candidates become licentiates of the College of Speech Therapists. After five years, on production of a thesis on an original and relevant subject, fellowship of the College is granted. Speech therapists are registered with the B.R.M.A.
Company Chemists Association Ltd. (e)	Arthur Sugden, J.P., Boots Pure Drug Co. Ltd., Station Street, Nottingham. Nottingham 45501.	
*†Confederation of Health Service Employees (a, b, c, e, f, g).	C. F. Comer, 1, Rushford Avenue, Levenshulme, Manchester, 19. Rusholme 4722.	Caters exclusively for all grades of staff engaged in the Health services, including medical and nursing staff, dentists, midwives, welfare workers, receptionists, dispensers, pharmacists, laboratory technicians, administrative and technical staff, domestics, hospital and institution tradesmen, occupational therapists, porters, ambulance staff. Monthly publication : "The Health Services Journal." Rate of Contribution :—2/6 per month. Benefits (Subject to Rules). Funeral and Withdrawal Benefit up to a maximum of £15. Partial Disablement Benefit up to a maximum of £6.10.0. Total Disablement Benefit of £50. Marriage Grant (Females only) up to a maximum of £5.0.0. Objects and Activities ; To obtain and maintain good service conditions and a fair rate of remuneration for health service employees. To consider any matters relating to the care, treatment and general welfare of the patients in general, mental or other hospitals and institutions. To provide legal assistance for members in approved cases, where necessary in matters arising out of or connected with their employment.
Co-operative Union Ltd. (e)	Acting Gen. Sec. : Robert Southern, B.A.Com., Holoake House, Hanover Street, Manchester, 4. Blackfriars 0975.	The Co-operative Union Ltd., is the central organisation of wholesale, retail and productive co-operative societies in the British Isles numbering 1156 and having an individual membership of nearly 10 million. The Union is not a trading body but is responsible for education, research and representation. The annual meeting of the Union is the Co-operative Congress. The Co-operative College, Stanford Hall, Loughborough, is headquarters of the education department. Sectional offices are situated in London, Glasgow, Newcastle, Leeds, Exeter and Cardiff. Members of the Union in various sections have organised convalescent funds and operate a number of convalescent homes. The Co-operative Union is a member of the National Council of Labour.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Membership, Objects, etc.</i>
Guild of Public Pharmacists (e)	<i>Gen. Sec. :</i> J. Moore, Ph.C., 1, Park View Road, Hove, 4, Sussex.	The objects of the Guild of Public Pharmacists are (a) the advancement of the further study of pharmacy and related subjects, arrangement of meetings for reading of papers, and the publication of a journal devoted to technical and professional matters; (b) the advancement of the professional welfare and status of its members. Membership of the Guild is confined to members of the Pharmaceutical Society of Great Britain, or those who hold reciprocal qualifications, who hold appointments in hospitals, infirmaries, dispensaries or similar institutions. Membership 950.
Hospital Physicists Association (f)	L. F. Lamerton, M.Sc., Ph.D., A.Inst.P., Physics Department, The Royal Cancer Hospital, Fulham Road, London, S.W.3. Flaxman 0081.	The objects of the Association are to promote the advancement of Physics applied to medicine by providing opportunities for collective discussion and action on scientific matters and to discuss, and if necessary, to take action in, matters relating to the profession of hospital physicist. Membership is open to those serving as physicists at hospitals, medical schools and medical or biological research departments. There is a class of Associate Membership for other physicists whose work and interests are related to physics in medicine. There is also a class of Honorary Membership.
Institute of Almoners (f)	Miss M. Steel, A.M.I.A., Tavistock House, (North) Tavistock Square, London, W.C.1. Euston 5845.	Membership is open to all almoners holding the certificates of the Institute. There are two grades of membership:—"A" membership for those engaged in medical social work in hospitals, with local health authorities and allied fields and "B" membership for those who have retired from work in the medical social field. The main functions of the Institute are to select and train almoners, to improve the standard of technical and professional knowledge of almoners and to encourage the extension and development of their work. The Institute is the negotiating body for salaries and conditions of work of almoners and has two representatives on the Functional Council Professional and Technical "A." Close contact is maintained with organisations for social work in Great Britain and with associations of medical social workers throughout the world. Official publication "The Almoner" monthly.
Institute of Hospital Administrators (a)	<i>Sec. and Director of Education :</i> S. R. Speller, LL.B., Tavistock House (North), Tavistock Square, London, W.C.1. Euston 1608/9.	For the membership, objects, etc., see page 823
Institute of Optical Science incorporating The Institute of Chemists-Opticians (d)	<i>Hon. Sec. :</i> J. Ross-Mansell, Ph.D., B.Sc., D.Opt., M.P.S., F.C.S., 2, Clements Inn, Strand, London, W.C.2. Holborn 6405.	The Institute is a non-profit organisation for the development and advancement of the education and training of those engaged in the ophthalmic and allied optical sciences.
Institution of Engineers in Charge (g)	<i>Hon. Sec. :</i> Alfred E. Penn, M.I.Mech.E., M.I.C.E., 100, Earlsfield Road, London, S.W.18. Battersea 1394.	
Institution of Hospital Engineers (g)	H. S. Clarke M.I.H.E., 14, The Villas, St. Mary's Hospital, Stannington, Morpeth, Northumberland, Stannington 238-9.	The membership of the Institution, consists of, members, associate members, graduates, and students, and is only open to those who are engaged solely in hospital engineering and its administration. Membership of any grade must be covered by an apprenticeship in engineering, and technical qualifications are necessary for full membership. The lower grades are of members who do not hold the position of chief engineer, but are designated as deputies or assistants, and are studying to enable them to advance in the hospital service. Membership covers England, Ireland, Scotland and Wales and has been asked for from hospital engineers in the Dominions and is being considered. The Institution has its own examination board and examinations are held in London and the Provinces.
National Association of Local Government Officers (a, c, f, g)	J. H. Warren, M.A., D.P.A., Solicitor, 1, York Gate, Regents Park, London, N.W.1. Welbeck 4481.	The National Association of Local Government Officers was formed in 1905 to deal with the problem of all grades of administrative, professional, technical and clerical staff employed by local authorities, including those employed in hospitals under the jurisdiction of those authorities. In the subsequent years the association has dealt with a wide variety of subjects of importance to its officers, including matters such as compensation for loss of office,

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
National Association of Local Government Officers (a, c, f, g) —contd.		superannuation, salaries and service conditions. When the National Health Service Act was contemplated and it became clear that all hospital services would come under public control, it was decided to extend the membership of the Association to staffs employed in hospitals covered by the new service. The Association has been consulted at all stages in the proceedings leading up to the formation of the National Health Service Whitley Councils, and is the largest body represented on the Functional Council for Administrative and Clerical Staffs. The Association's ancillaries include a benevolent and orphan fund, a provident society and insurance company, a building society, a convalescent home and a special activities department providing for a wide range of facilities, including holidays at the Association's own centres at Cayton Bay and at Croyde Bay, a hotel at Rhos-on-Sea, and holidays abroad. The Association's Journal "Local Government Service" is issued free to every member each month.
National Association of Opticians (d)	J. F. McNeal, F.N.A.O. (Hons.), M.P.S., 130, Princes Road, Liverpool, 8. Lark Lane 1556.	Founded in 1910. Fellowship: The F.N.A.O. Diploma is a recognised optical qualification and is only granted as a result of passing stringent and thoroughly practical examinations. Examinations are held three times yearly at various centres. The Honours and Contact Lens Examinations are also held at the same time and place. Annual Subscription for Members and Fellows: £3.3.0. Official Organ: "The National Optical Journal," Optics and Orthoptics: Careers for Men and Women series 34. The National Association of Opticians does not hold a preliminary examination, but candidates must produce evidence of general education up to Matriculation standard. Candidates for the First Examination must have reached 18 years of age. Exemption is granted to those who have passed a university Intermediate or Final degree examination or a Higher School Certificate examination, provided that the subjects taken included physics as a principal subject. Candidates of 21 years of age and over who are successful in the Final Examination qualify for Fellowship of the Association. The Association also holds an Honours examination. First Examination: General and Practical Optics and Optical Calculations. General education up to Matriculation standard. (£3.3.0.) Final Examination (for Diploma of F.N.A.O.): Ophthalmic Lenses. Refraction. Visual Optics, Anatomy, Physiology, Recognition of Diseased and Abnormal Conditions of the Eyes. Attendance at an approved training institution. Completion of a regular apprenticeship or one year's service under a qualified optician. (£5.5.0.).
National Pharmaceutical Union (e)	G. A. Mallinson, O.B.E., M.P.S., F.S.M.C., 4-5, Queen Square, London, W.C.1. Terminus 5118.	Proprietor chemists only are eligible for membership; they are all contractors for the supply of medicines etc., under the National Health Service. The chief object of the Organisation is the protection of the proprietor chemists in regard to all his professional and business activities. The organisation provides for individual proprietors all those services which the headquarters of a multiple firm would give to its branches. The National Pharmaceutical Union representing independent proprietor chemists in conjunction with the representatives of the large multiple chemists associated in a joint committee for the purpose, is the negotiating body on behalf of chemists with the Ministry of Health.
*†National Union of General and Municipal Workers (a, b, c).	Gen. Sec.: T. Williamson, J.P., 5, Endsleigh Gardens, London, W.C.1. Euston 3644.	Founded in 1889: an amalgamation of a number of Unions, including the Municipal Employees' Association the National Amalgamated Union of Labour and the National Union of General Workers. It adopted its present title in 1924. The National Federation of Women Workers merged with the National Union of General Workers in 1920. Chief objects are to bring together classes of labour to promote the social, moral and intellectual interests of its members, to obtain and maintain for them equitable rates of wages and reasonable hours and conditions of labour, and to secure the return of members of the Union to public authorities and to Parliament. The Union has a large membership engaged in the Hospital and Allied Services of Great Britain. All staffs whose wages and conditions are regulated by the functional councils on which the Union is represented are eligible for membership of the Union. Also

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
*†National Union of General and Municipal Workers (a, b, c). —contd.		affiliated to the Labour Party, the Confederation of Shipbuilding and Engineering Unions and the National Federation of Professional Workers. Publication: "Journal of the N.U.G.M.W." (Monthly).
*†National Union of Public Employees (Incorporating the National Association of Nurses) (a, b, c, f, g.)	Bryn Roberts, Civic House, Blackheath, London, S.E.3. Lee Green 2842/5.	The Union, under different titles, has existed since 1888. It caters for all grades in the local government, National Health Service and public utilities. The purposes of the Union is to improve the salaries and conditions of its members and to safeguard their interests in their relationship with their employers. The Union also affords its members legal protection and provides various monetary benefits in cases of injury and death. The Union is also affiliated to the National Labour Party and associated with the International Federation of Public Employees. Other affiliations include the National Federation of Professional Workers and the National Council of Labour Colleges. The membership of the Union is 160,000.
Ophthalmic Group (S.M.A.). (d)	Stanley R. Marcus, F.B.O.A., 86, Rochester Row, London, S.W.1. Victoria 4962.	Staff eligible include ophthalmic opticians, ophthalmologists, orthoptists and dispensing opticians. It is a professional group of the socialist Medical Association whose objects are:—to work for a socialised health service, both preventive and curative, free and open to all. To secure for the people the highest possible standard of health; to enlist the support of the Labour, Socialist, Trade Union and Co-operative Movements in attaining this object: to promote legislation for this purpose and to ensure that existing legislation for the improvement of the National Health is carried into full effect.
Pharmaceutical General Council (Scotland) (e)	D. McCall, B.Sc., Ph.D., Ph.C., F.L.S., 36, York Place, Edinburgh.	The Pharmaceutical General Council (Scotland) consists of representatives elected by each local pharmaceutical committee from its pharmacist members, who are, or who represent, authorised sellers of poisons who are chemist contractors under the National Health Service (Scotland) Act, 1947, and whose places of business are within the area, along with one pharmacist representative elected by the bodies corporate and one pharmacist representative elected by the co-operative societies who are such contractors, and in an advisory capacity only, the Chairman and Vice-Chairman of the Executive of the Scottish Department of the Pharmaceutical Society <i>ex-officio</i> , and in an advisory capacity only, the President and Vice-President of the Scottish Pharmaceutical Federation <i>ex-officio</i> . The Pharmaceutical Standing Committee (Scotland) is the executive committee of this council. The Council is primarily designed to deal with all matters of interest to chemical contractors arising under the National Health Service (Scotland) Act 1947, and regulations issued thereunder.
Royal College of Midwives (c)	F. R. Mitchell, O.B.E., 57, Lower Belgrave Street, London, S.W.1. Sloane 8313.	A professional organisation of approximately 9,000 midwives, founded in 1881 to further the interests of midwives to raise their status and to improve their education, to provide a medical lending library, educational facilities and a centre of information for the public. The Royal College of Midwives is the recognised negotiating body for all midwives. Members are grouped in 150 branches throughout England and Wales. Midwives in Scotland and Northern Ireland join the Scottish and Irish sections: there is a section for pupil midwives. The business of the college is administered by a Council elected by postal ballot, midwife teachers groups function in various parts of the country. There is a third party indemnity scheme, and legal defence whereby members may insure in respect of their liability arising out of their profession or occupation as a midwife. There is a Midwives Pension Scheme and Insurance on special terms. The College represents midwives on appropriate Committees set up by the Government. The College is approved by the Central Midwives Board as a centre for providing lecture courses and tuition for pupil midwives and student midwife Teachers. Resident and non-resident post-graduate courses for midwife teachers and midwives are held each year in various parts of the country. Under the Midwives Acts the College appoints one medical practitioner and two midwives as its representatives on the Central Midwives Board, the Statutory authority for midwives in England and Wales.

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
Royal College of Nursing (c)	<p><i>Gen. Sec. :</i> Miss F. G. Goodall, O.B.E., Henrietta Place, Cavendish Square, London, W.1. Langham 2646.</p>	<p>The Royal College of Nursing, founded in 1916, is a professional organisation with a membership of over 48,000 general state registered nurses and a junior branch, the student Nurses' Association, composed of 19,000 nurses in training for the State Register. Aims : to further the progress of nursing as a profession in all its branches, to collate and present to governmental and other representative bodies the views of State Registered nurses on problems of national importance with which their work is concerned, and their interests are involved, and to negotiate on their behalf, to promote post-certificate education. The Royal College of Nursing has 155 branches and sub-branches and 6 area organisers, a Scottish Board with headquarters in Edinburgh, and a Committee for Northern Ireland with offices in Belfast. Specialists in the various branches of nursing—public health nurses, private nurses, sister tutors and ward and departmental sisters—have their own sectional machinery ; industrial nurses have an industrial nursing organiser. Because of its large membership and authoritative position in the nursing world the College has the largest number of seats on the staff side of the Nurses' and Midwives' Functional Whitley Council. Affiliated to the College are the Association of Sick Children's Hospital Nurses and the Society of Registered Male Nurses. Official journal : <i>Nursing Times</i>, 3d. weekly.</p>
Scottish Association of Occupational Therapists (f)	<p>Miss J. Waterston, M.S.A.O.T., Princess Margaret Rose Hospital, Fairmilehead, Edinburgh. Edinburgh 71207.</p>	<p>Qualifications for membership :—(a) Full membership :—Any occupational therapist who holds a diploma of proficiency recognised by the Association. (b) Associate membership :—Auxiliary occupational therapy staff, therapists who have retired from actual practice, and others interested in the profession. Main objects :—To develop, under medical supervision, the practice of applied occupational therapy. To establish uniform and proficient standards for occupational therapists, to promote the friendly association of occupational therapists in Scotland, and to establish friendly relations with similar organisations, to hold and take part in conferences and meetings in any country, for the investigation and consideration of matters of interest to the profession, to negotiate as an Association with any recognised authority with reference to the terms and conditions of employment of staff in Scotland. Among the list of organisations on which the Association is represented or with which it has active co-operation are :—The Scottish Council of Social Service (Committee on the Welfare of the Disabled), Scottish Council for the Care of Spastics, Scottish Orthopaedic Council, British Red Cross Society, British Council of Rehabilitation, etc.</p>
Scottish Association of Opticians (d)	<p>J. C. Neil, M.A., LL.B., 121, Bath Street, Glasgow, C.2. Douglas 5458.</p>	
Scottish Health Visitors' Association (c)	<p>Miss C. Keachie, R.G.N., S.C.M., H.V.Cert., 17, Kessington Road, Bearsden, Dumbartonshire. Bearsden 0649.</p>	
Scottish Matrons' Association (c)	<p>Miss A. M. Laurie, Canniesburn Hospital, Bearsden, Glasgow. Bearsden 2255.</p>	<p>To enable members to take counsel together on matters affecting their profession, and for this purpose local groups may be formed in various areas ; to consider, and, if necessary, take action upon legislative proposals calculated to affect the interests of the Nursing Profession ; to maintain the honour, and further the interests of the nursing profession.</p> <p>The Association shall consist of Matrons and Superintendants of Nurses, and Honorary Members. The election of candidates shall be by vote, but no candidate shall be admitted to the Association unless she receives the votes of three-fourths of the members present, and voting. After 1st November, 1945 all new members must be state registered general nurses or state listed general nurses.</p>
Scottish National Committee of Ophthalmic Opticians (d)	<p>Miss Georgina Walker, F.S.A.O., 158, Byres Road, Glasgow, W.2. Western 7169.</p>	<p>Represents all Scottish ophthalmic opticians.</p>

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
Society of Chiropodists (f)	Major L. W. Griffiths, F.L.A.A., A.C.I.S., 21, Cavendish Square, London, W.1. Langham 3227.	The objects for which the Society is established include <i>inter alia</i> ; the obtaining of parliamentary or other legal acknowledgement of the legal rights of a chiropodist; and the diffusion of knowledge of chiropody by demonstrations, lectures, classes and the issue of publications as well as testing by examination the competence of persons desirous of practising chiropody. The Society is also pledged to protect the status of chiropodists; the promotion of honourable practice and the repression of malpractices. A person to be eligible for admission to membership of the Society must be in practice or about to practise as a chiropodist; be 21 years of age; and have passed such examination as may from time to time be prescribed. The course of training occupies a period of two calendar years and is full time. There are eleven schools recognised by the Society and the Board of Registration of Medical Auxiliaries as training centres. Professional examinations are held at the end of each of the two years, success in the final entitling the student to apply for membership of the Society. The examiners in medical subjects are selected from panels approved by the Royal College of Physicians and the Royal College of Surgeons respectively and the chiropodial examiners are appointed from a panel of chiropodists having considerable teaching as well as practical experience. The minimum age at which students can be accepted is 17 years, and although no definite educational qualification is laid down candidates should have attained school certificate standard.
Society of Clerks of National Health Service Executive Councils (a)	F. J. Ashford, North West House, 119-127, Marylebone Road, London, N.W.1. Paddington 3223-4, 2656-7.	To represent clerks of National Health Service Executive Councils.
Society of Opticians (d)	Gilbert Williamson, 43, Devonshire Road, Bexhill-on-Sea, Sussex. Bexhill 306.	The objects for which the Society is established are :— (a) to foster intercourse between its members and to promote their common interests; (b) to act on behalf of its members and to negotiate with the Government and its Ministries, optical associations and other authorities and organisations upon matters affecting the interests of its members; (c) to co-operate with other optical bodies on National Health Service matters either by appointing delegates to committees etc., or in any other way; (d) to promote, advance and protect the interests of opticians and those engaged in the business of optics. Full membership is open to persons of approved qualifications, and firms and corporations composed of or employing opticians of approved qualifications who are engaged as <i>bona fide</i> sight testing opticians with three or more full time establishments. Associate Membership is open to firms employing opticians of approved qualifications but having less than three establishments.
Society of Radiographers (f)	Gen. Sec. : Fredk. Melville, F.S.R. 32, Welbeck Street, London, W.1.	
*†Transport and General Workers Union (a, b)	Arthur Deakin, C.H., C.B.E., Transport House, Smith Square, London, S.W.1. Victoria 7671.	Administrative and clerical, nurses, domestic and manual grades. The Transport and General Workers Union is, constructed on a sectional basis for trade or industry basis. This system provides for specialist officers giving specialist service who at all times have the varied resources available when necessary. Hospital employees are included in the public services section, together with municipal and government employees, the similarity of interests ensuring adequate service to the grades concerned. Many officers of the Union in this section have had considerable experience as members of local authorities and management committees of hospitals. Their general knowledge of various phases of industry and negotiations are invaluable in the preparation and presentation of cases.
*†Union of Shop, Distributive and Allied Workers (d, g)	Acting Gen. Sec. : A. W. Burrows, "Oakley" 122, Wilmslow Road, Fallowfield, Manchester, 14. Rusholme 2804.	Also affiliated to the Scottish Trades Union Congress. Caters for employees in the retail and wholesale distributive trades and in productive undertakings ancillary thereto; clerks in wholesale and retail and other commercial employment; workers in the catering trades. The objects of the Union are to secure the complete

	Secretary Address and Telephone	Membership, Objects, etc.
*†Union of Shop, Distributive and Allied Workers (d, g) —contd.		organisation of all workers eligible for its membership within the United Kingdom ; to obtain and maintain proper rates of wages and conditions of service for its members ; to provide assistance to members when out of employment through causes over which they have no control or through unjust treatment or through any dispute existing between an employer and a member or members of the Union ; to provide legal assistance in matters relating to employment ; and to provide educational facilities.
Women Public Health Officers' Association (c)	Gen. Sec. : Miss N. K. Ross, O.B.E., 7, Victoria Street, London, S.W.1. Abbey 5002.	To safeguard the interests and improve the status of Women Officers in the Public Health Service. To promote the interchange of such knowledge of Public Health and Social Science as is likely to be of assistance to them and others. Educational activities :—Post-graduate refresher courses, lasting two weeks, are held quarterly in University towns, and include lectures by specialists and observation visits. Part-time and intensive short courses on Teaching, Tuberculosis, Venereal Diseases etc. are also held. Tours are arranged to Europe and America to study Public Health and allied services. An annual Conference is held at which papers from members on various aspects of their work are discussed. The Association shall consist of Members, Associates, Student Associates, Honorary Members. Provided that her qualifications are approved by the Executive Committee, a woman shall be eligible for election as a member (a) who either is or has been duly appointed by a local authority as :—a sanitary inspector, health visitor, superintendent of a maternity and child welfare centre, tuberculosis visitor, school nurse, clinic nurse, municipal midwife, infant life protection visitor, masseuse holding a whole-time appointment, health lecturer holding a whole-time appointment, state registered nurse holding a whole-time appointment in a ward attached to an infant welfare centre, state registered nurse holding a whole-time appointment in a day nursery, tuberculosis care committee organiser or secretary, holding a social science diploma or certificate ; or, (b) who is, or has been appointed by a voluntary committee responsible for the management of a maternity and child welfare centre as :—salaried superintendent of an infant welfare centre, salaried health visitor, masseuse holding a whole-time appointment, health lecturer holding a whole-time appointment, state registered nurse holding a whole-time appointment in a ward attached to an infant welfare centre, non-medical supervisory of midwives holding a whole-time appointment, midwife holding a whole-time appointment under the Midwives Act, 1936. The basis of membership may be revised shortly to take in certain new types of appointment.
The Worshipful Company of Spectaclemakers (d)	Clerk : Roland Champness, M.A., LL.M.,(Cantab), Apothecaries' Hall, Black Friars Lane, London, E.C.4. Central 2932.	The Company holds examinations twice a year for the certification of opticians, and success in the initial, intermediate and final optical examinations (requiring three years' training at recognised schools and clinics) carries with it the award of the Company's Diploma, entitling the holder to inclusion in the Register of qualified ophthalmic opticians practising under the National Health Service Act and recognised by the Government for this purpose. The Company's diploma holders use the distinguishing letters "F.S.M.C." and are admitted to the Freedom of the Company carrying with it also the privilege of admission to the Freedom of the City of London. The Company was incorporated by Royal Charter in 1629 and more than 3,900 opticians hold its diploma at the present day. A higher diploma has lately been instituted for those who desire to pursue their studies to a more advanced stage or into the realms of original research. The Worshipful Company actively supports the London Refraction Hospital of Newington Causeway and has representatives on the governing body of this hospital.

DIRECTORY OF ORGANISATIONS

II—HOSPITAL AND HEALTH SERVICE ORGANISATIONS

(other than Whitley Council Staff Associations)

(N.B.—For Directory of Staff Associations represented on the National Health Service Whitley Councils see page 667).

Organisation	Secretary Address and Telephone	Objects
After-care Association (Physically Handicapped Youth)	Miss P. Winder, 2, Old Queen Street, London, S.W.1. Whitehall 2499, 2490.	To find wage earning employment for physically handicapped young people within the County of London suitable for their particular disability, in order that as large a proportion as possible may ultimately become self-supporting. To use auxiliary measures that lead to the above end such as arranging vocational training, medical treatment and, in cases of poverty, giving tools or fares to work. To give friendship, understanding and encouragement to those who need it, and to recruit voluntary visitors for this purpose. To find lodgings or hostel accommodation for those who have no homes of their own.
Aslib (Association of Special Libraries and Information Bureaux)	Director : Miss E. M. R. Ditmas, M.A., 52, Bloomsbury Street, London, W.C.1. Museum 7534.	Incorporates the Association of Special Libraries and Information Bureaux and the British Society for International Bibliography. Concerned with all aspects of the location, collection, proper utilisation and dissemination of information, and with the relevant techniques usually broadly called "documentation." Over 1,000 members who enjoy certain publications free or at reduced prices, an information service, a microfilm service, a library and book loan scheme, training courses, meetings and an annual conference. Membership is open to all interested, and at present includes learned societies, professional institutions, government and public departments, research, industrial and commercial organisations, and private individuals.
Association of Anaesthetists of Great Britain and Ireland	Hon. Sec. : G. S. W. Organe, M.D., D.A., 45, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	To promote the development and study of anaesthetics, their administration and the recognition of the administration of anaesthetics as a specialised branch of medicine. To co-ordinate the activities of anaesthetists. To represent anaesthetists and protect their interests. To promote the establishment of diplomas and degrees in anaesthetics. To encourage and promote co-operation and friendship between anaesthetists. The Association publishes a quarterly journal entitled "Anaesthesia."
Association of Certified Blind Masseurs	Capt. G. S. Holden, R.N.(Ret.), 224/6/8, Great Portland St., London, W.1. Euston 5251.	To represent and safeguard the professional interests of blind chartered physiotherapists throughout the world. It is registered under the Board of Trade and licensed annually by the London County Council as an employment agency. Through its employment bureau doctors and prospective patients are put in touch with blind physiotherapists. Its Secretary also acts as agent for two large insurance companies which undertake all forms of insurance for blind physiotherapists.
Association of Family Case Workers	Hon. Sec. : Miss Dorothy L. C. Keeling, O.B.E., M.A., J.P., 45, Rodney Street, Liverpool, 1. Royal 4060.	To contribute towards the general progress of family case work : (a) by affording opportunities for the sharing of ideas and experience ; (b) by promoting and facilitating research. To raise and maintain professional standards of work and training in consultation and co-operation with the National Council of Family Welfare Associations. To encourage the employment of fully-trained case-workers at adequate salaries.
Association of Industrial Medical Officers	J. A. A. Mekelburg, c/o Peak Frean & Co. Ltd., Keetons Road, Bermondsey, London, S.E.16. Bermondsey 3570, Ex. 99.	This Association is a body of medical men and women engaged in industry or on research connected with industrial health, meeting four times a year, with more frequent meetings in regional groups. The Association's proceedings are published in "The British Journal of Industrial Medicine," and a quarterly Bulletin is circulated to all workers.
Association of Mental Health Workers	Acting Hon. Sec. : Mrs. M. Eggleshaw, c/o 39, Queen Anne Street, London, W.1. Welbeck 1272.	Membership is open to mental health workers of all types, and the Association seeks to promote co-operation and the exchange of information and experience between them. It further seeks to establish standards of training and salaries, and

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Membership, Objects, etc.</i>
Association of Mental Health Workers —contd.		to promote the appointment of trained workers in all mental health posts. The Association has local groups and holds an annual conference for the discussion of developments in the mental health field.
Association of Surgeons of Great Britain and Ireland	<i>Hon. Sec. :</i> H. W. S. Wright, M.S., F.R.C.S., 45, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	To advance the science and art of surgery, and to promote intercourse and friendship among the surgeons of the United Kingdom. The journal is the "British Journal of Surgery."
Asthma Research Council	C. L. Miller, Room 25; King's College, University of London, London, W.C.2. City 3720.	To promote research into the causes and treatment of asthma.
Beit Memorial Trust (For Medical Research)	A. N. Drury, C.B.E., M.D., F.R.S., Lister Institute of Preventive Medicine, Chelsea Bridge Road, London, S.W.1. Sloane 2181.	Beit Memorial Fellowships for medical research. Junior Fellowships for research in medicine and allied sciences are open to candidates who are graduates of a university in the British Empire or hold a medical diploma registrable in the United Kingdom and who must ordinarily be less than 35 years of age. The awards are tenable in Great Britain or Ireland for three years, and their value is ordinarily £600 p.a. though in certain cases only £500 p.a. for the first two years. Applications are ordinarily receivable up to the 14th May, but are invited by public advertisement three months in advance of elections. Senior Fellowships of the value of £900 are open to former holders of Junior Fellowships and tenable with the same objects and under the same conditions.
Board of Registration of Medical Auxiliaries	<i>Secretary and Solicitor :</i> Major E. L. G. McManus, M.B.E., British Medical Association House, Tavistock Square, London, W.C.1. Euston 1602.	To promote the training and education and to improve the status of persons engaged in medical auxiliary work. To publish a register of persons qualified to undertake medical auxiliary work. The Board at present recognises physiotherapists, radiographers, dispensing opticians, chiropodists, orthoptists, speech therapists and dietitians. Copies of these registers are supplied free to medical practitioners, hospitals and other public bodies.
British Association of Dermatology and Syphilology	<i>Hon. Sec. :</i> J. E. M. Wigley, M.B., F.R.C.P., 132, Harley Street, London, W.C.1. Welbeck 3678.	To promote the knowledge, teaching and status of dermatology and syphilology and the friendship of those engaged therein. To hold regular meetings for the conduct of scientific business and also to be responsible for the publication of the "British Journal of Dermatology and Syphilis."
British Association of Otolaryngologists	<i>Hon. Sec. :</i> F. C. W. Capps, F.R.C.S., 45, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	The object of the Association shall be to promote the general interests of otology and laryngology.
British Association of Physical Medicine	<i>Hon. Sec. :</i> P. Bauwens, M.R.C.S., L.R.C.P., 45, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	To promote a more general appreciation of the value of physical medicine in the prevention and relief of human suffering, and to implement measures by which physical medicine may attain the highest standard of efficiency and be used effectively for the achievement and maintenance of physical fitness, the restoration to efficiency following disease and disability with special reference to rehabilitation and the rheumatic diseases. The journal is "The British Journal of Physical Medicine."
British Charities Association	R. F. Millard, 12, Whitehall, London, S.W.1. Whitehall 1610, 1495.	The British Charities Association was founded in 1923 for the purpose of raising money for hospitals and charitable institutions and latterly has been closely associated with a large number of the most important public appeals including war charities launched in Great Britain.
British Council (The)	R. Seymour, C.B.E., 3, Hanover Street, London, W.1. Mayfair 8484.	The general aims of the British Council are the dissemination abroad of British life and thought in the field of culture, education and science. The Council has a medical department which deals with all matters in the above field that concern medicine : the editing of "British Medical Bulletin," a review of scientific medicine : arrangements for post-graduate students, visitors, overseas medical lecture tours : liaison with British medical bodies and the maintaining of a medical library and information service.

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
British Council for Rehabilitation	Mrs. Marion E. A. Williams, General Secretary, 32, Shaftesbury Avenue, London, W.1. Gerrard 9415.	The British Council for Rehabilitation is a co-ordinating and co-operating body founded in 1944 to unite and co-ordinate all the rehabilitation services. Deals with all aspects of disability and rehabilitation as one unified service, comprising treatment, training and resettlement into industry. The Council is supported entirely by voluntary contributions. To the general work of the Council have now been added two departments; one a preparatory training bureau, which deals with the preparatory training of long stay hospital and sanatoria patients, and the other a national association for the paralysed which deals with the welfare of the paralysed.
British Deaf and Dumb Association	Hon. Sec. and Treasurer : L. Edwards, 11, Woodland Avenue, Leicester. Leicester 78902.	To unite the deaf and dumb of Great Britain and to advance and protect their interests individually and collectively by means of advice, financial help and publicity. Membership of the Association is open to all deaf and dumb people and to hearing people interested in their cause, and is supported entirely by voluntary contributions.
British Dental Association	H. Parker Buchanan, V.R.D., F.D.S.R.G.S., L.D.S.R.F.P.S., 13, Hill Street, Berkeley Square, London, W.1. Grosvenor 1592.	The promotion of dental and allied sciences, and the maintenance of the honour and the interests of the dental profession, by the aid of all or any of the following:—periodical meetings of members, publication of a journal of the Association, occasional publication of transactions, grant of sums of money for the promotion of dental and the allied sciences, maintenance of the spirit and provisions of the Dentists Act, encouragement of the benevolent fund for relief of members of the profession, and such other lawful things as are conducive to the attainment of the above objects.
British Empire Cancer Campaign	General Sec. : Capt. F. B. Tours, O.B.E., R.N. (Ret.), 11, Grosvenor Crescent, London, S.W.1. Sloane 5756/7.	The British Empire Cancer Campaign was founded in 1923 to attack and defeat the disease of cancer in all its forms by research into its causes, distribution, symptoms, pathology and treatment. To achieve its aims it co-ordinates and subsidises cancer research in most of the principal research centres and institutions in the United Kingdom, whilst maintaining liaison with similar institutions throughout the Empire. On the recommendations of its Scientific Advisory Committee it intensifies work already in progress and itself initiates new lines of research. The campaign publishes the "British Journal of Cancer." It is supported entirely by voluntary contributions.
British Empire Leprosy Relief Association	A. C. Edgar, M.A., M.C., 167, Victoria Street, London, S.W.1. Victoria 5740.	Research into the causes and treatment of leprosy; the circulation of technical and other information concerning the disease; the training of doctors, nurses and administrative workers for work overseas; advice to colonial governments and others taking part in leprosy control work; assistance by provision of staff and/or cash grants to overseas work; educational propaganda in England as to the incidence and effects of the disease; advice and treatment of leprosy patients in this country.
British Federation of Social Workers	Miss B. S. McFie, M.A., 5, Victoria Street, London, S.W.1. Abbey 2860.	The British Federation of Social Workers is an organisation of professional social workers drawn from all branches of social work. The aim of the Federation is to promote greater efficiency in the conduct of the social services, and the advancement of social and industrial well-being and health. It stresses the common basis of social work in all its aspects and operates locally, nationally and internationally in all matters concerning social work and the social worker which are not more appropriately dealt with by the specialist professional associations.
British Homoeopathic Association	Laird W. Stuart, 43, Russell Square, London, W.C.1. Museum 0194.	To undertake and finance the proving and re-proving of drugs after the homoeopathic method. To create and endow lectureships in homoeopathic medicine. To promote or obtain the introduction of bills for the furtherance of any of the objects of the Association and support or oppose bills before Parliament which may affect the interests of homoeopathy. To found, equip and endow educational establishments for the instruction of professional men and women and medical students in homoeopathy. To maintain an up-to-date reference library for the use of students.
British Hospital Contributory Schemes Association (1948)	Hon. Sec. : John Dodd, B.Com., A.C.I.I., Royal London House, Queen Charlotte Street, Bristol, 1. Bristol 23495.	The British Hospitals Contributory Schemes Association (1948) succeeded the British Hospitals Contributory Schemes Association on the 2nd October, 1948. Objects:—To encourage the extension of hospital contributory schemes wherever a genuine need exists; to supply information to those persons

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
British Hospital Contributory Schemes Associations (1948) — <i>contd.</i>		contemplating the establishment of new schemes. Membership of the Association is open to contributory schemes giving benefits to supplement the National Health Service providing they come within the definition of a hospital contributory scheme as defined in the Association's constitution and are accepted into membership by the Executive Committee.
British Institute of Radiology (<i>incorporated with the Rontgen Society</i>).	<i>Joint Secs. :</i> J. A. C. Fleming, M.B., F.R.C.S.E., F.F.R., D.R., F. W. Spiers, Ph.D., 32, Welbeck Street, London, W.1. Welbeck 6237, 6867.	The British Institute of Radiology came into being by amalgamation between the Rontgen Society, the oldest radiological society in existence and the British Association for the Advancement of Radiology and Physiotherapy. The Institute is designed to serve as a meeting place for all interested in radiology ; to co-ordinate the medical, physical and biological aspects of radiology and X-ray engineering problems, and to promote the advancement and study of radiology and allied subjects.
British Legion Headquarters	J. R. Griffin, O.B.E., 49, Pall Mall, London, S.W.1. Whitehall 5731.	The British Legion was formed in 1921 to unite all ex-service men and women. It protects their interests and gives a lead to the State in its duty towards the disabled and in promotion of the welfare of those who have served. Nearly 5,000 voluntary service committees deal with problems of rehabilitation :—advice and representation on questions of pensions, advice and financial assistance in purchasing a house or starting a business, financial assistance for those in temporary need, medical and convalescent treatment, assistance to the permanently incapacitated, provision for widows and orphans, and finding employment for ex-Service men and women.
British Medical Association	Charles Hill, M.A., M.D., D.P.H., B.M.A. House, Tavistock Square, London, W.C.1. Euston 2111.	Founded in 1832 for the protection of the honour and interests of the medical profession and the promotion of the medical and allied sciences, having a membership of 60,300. The Association deals with all matters of a medico-political or medico-social nature. Recognised as the representative organisation of medical profession. Publishes British Medical Journal weekly, quarterly scientific medical journals, abstracts of medicine and surgery and special reports. Has many overseas branches throughout Empire, is affiliated to Canadian Medical Association and South African Medical Association, and is member of World Medical Association.
British Medical Students' Association	Miss P. Jewell, Tavistock Square, London, W.C.1. Euston 2111.	To provide an organisation whereby medical students can consult together on matters of common interest. To provide a means for the exchange of views between medical students and the medical profession and between medical students and all other students. Membership consists of constituent organisations (i.e. University medical schools or colleges, medical students therein automatically being ordinary members), individual members (those medical students who are not members of constituent organisations) and associate members (who are members of the medical profession).
British Orthopaedic Association	<i>Hon. Sec. :</i> Philip Wiles, M.S., F.R.C.S., 45, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	To advance the science and art of orthopaedic surgery. The journal is The Journal of Bone and Joint Surgery.
British Pharmacopoeia Commission	C. H. Hampshire, M.B., B.S., B.Sc., F.R.I.C., 44, Hallam Street, London, W.1. Langham 1618.	To revise the British Pharmacopoeia.
British Red Cross Society	W. S. Phillips, M.B.E., 14, Grosvenor Crescent, London, S.W.1. Sloane 5191.	The primary object of the Society is to furnish aid to the sick and wounded in time of war, irrespective of race, creed or politics, and, under its peacetime charter, to work for the improvement of health, prevention of disease, and the mitigation of suffering at home and overseas. Besides training personnel so as to be able to provide instant emergency relief, the Society also undertakes eighteen vital activities in its peacetime programme. These include : staffing auxiliary hospitals and convalescent homes, first aid duties, hospital library service, child welfare, sitters-in, meals-on-wheels, old people's homes and clubs and many others.

Organisation	Secretary Address and Telephone	Membership, Objects, etc.
British Social Hygiene Council (Inc.)	Mrs. E. French, Tavistock House, North, Tavistock Square, London, W.C.1. Euston 4732.	To promote and encourage the teaching of human biology as a cultural and practical subject. To preserve and strengthen the family as the basic social unit. Arising out of this latter, to encourage the dissemination of biological knowledge as a means of emphasising the social responsibilities of individuals, the implications of population problems, the removal of conditions conducing to promiscuity, the elimination of commercialised vice, and a reduction in the incidence of social diseases. To co-operate with other organisations interested in the above aims.
Central Council for the Care of Cripples	Miss M. Drury, 34, Eccleston Square, London, S.W.1. Victoria 2928.	The Central Council for the Care of Cripples is a central co-ordinating body for all organisations working for the welfare of cripples. Its objects are to promote and support measures for the early discovery, prompt and efficient treatment, education, training and general welfare of cripples of all ages. It maintains touch with international work for cripples and acts as a central bureau of information. Its status is national and its main functions are planning, organisation and development. It is now taking an increasingly active and practical part in trying to fill one of the most serious gaps in the complete care and welfare of the physically handicapped, i.e. the provision of residential schools and homes for seriously crippled children and adults.
Central Council for District Nursing in London	Miss H. McKeague, B.A., 25, Cockspur Street, London, S.W.1. Whitehall 2497.	The Local Health Authority has arranged through the Central Council, which exists to promote the adequacy and efficiency of district nursing in London, for the home nursing service to be provided by the voluntary district associations in the nine county divisions, in each of which the Central Council has set up a co-ordinating committee, and for a grant of 90% from the rates, the remainder to be raised from voluntary sources.
Central Council for Health Education	Medical Adviser and Secretary : R. Sutherland, M.D., D.P.H., Tavistock House, North, Tavistock Square, London, W.C.1. Euston 3341.	The Council is recognised by the Ministry of Health and the Ministry of Health and Local Government in Northern Ireland as the body primarily responsible for providing local authorities in England, Wales and Northern Ireland with advice and assistance in their work on direct and personal health education. The Council produces a wide range of literature on many aspects of healthy living and the prevention of illness for distribution by public health and education departments; it supplies exhibition material; it holds regional courses in health education for officers of local authorities and an annual summer school; it advises on any aspect of health education; and maintains close liaison with similar organisations in all parts of the world.
Chadwick Trust	Clerk to the Trustees : P. J. Edwards, 204, Abbey House, Victoria Street, London, S.W.1. Abbey 6872.	The Chadwick Trust is for the promotion of sanitary science and health; in this connection provision is made, <i>inter alia</i> , for the delivery by competent persons of lectures on sanitary science, the promotion of health and the prevention of disease; for establishing professorships of sanitary science; for the publication of books, pamphlets, essays or leaflets on sanitary science.
Children's Aid Society	Director : Lt.-Col. H. Glanfield, O.B.E., 55, Leigham Court Road, London, S.W.16. Streatham 2131/2.	To promote the welfare of children who have been denied the joys and advantages of normal home life and to assist the unmarried mother and her child. The Society was established in 1856, incorporated by Royal Charter in 1936, and has as Patron H.M. The King. It manages a maternity home, several residential homes for children of all ages, and a secondary junior approved school. It is also a registered adoption society. The scope of the Society's work is fully comprehensive as it has facilities for the care of a homeless child from birth until he or she is old enough to be self-supporting. It is almost entirely dependent on voluntary funds for the continuation of its work.
Civil Service Sanatorium Society	J. R. Williams, M.B.E., 63, Catherine Place, London, S.W.1. Victoria 5022/3.	A registered friendly society for civil servants of all grades, industrial and non-industrial, permanent and temporary. Benefits for members, wives/husbands, and children, for T.B.; for members, wives/husbands, for cancer. Additionally, grants in necessitous cases. Contributions mainly deducted from pay for each benefit 1d. per week for those paid weekly and 5s. 0d. a year for salaried members, but for each child 2d. per week. Waiting period for T.B. benefit six months, for cancer twelve months. The Civil Service Sanatorium, Benenden, Kent, has not been transferred to the National Health Service. York Lodge Private Nursing Home, Seaford, Sussex, is being acquired.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
College of Teachers of the Blind	<i>Hon. Registrar :</i> E. H. Getliff, c/o Royal School of Industry for the Blind, Westbury-on-Trym, Bristol. Bristol 66049.	To quicken interest, stimulate thought and encourage research in education, and so benefit the education of the blind. To promote and encourage the training of teachers of the blind. To raise the status of teaching of the blind. To foster a feeling of comradeship among teachers of the blind and to facilitate united action in matters affecting their professional welfare. To diffuse, by means of a library, lectures and otherwise, information on all matters connected with the education and general condition of the blind, and to publish a magazine for the furtherance of the aims of the College. Generally to do all such lawful things as are incidental or conducive to the attainment of the above objects and the advancement of the education of the blind.
Council for the Provision of Rest-Break Houses for Nurses and Midwives	Miss S. G. Lange, F.S.A.A., 106, St. Clement's House, Clement's Lane, London, E.C.4. Mansion House 7918.	Established in 1944 to provide rest-break and post-convalescence facilities for nurses, midwives, student nurses and pupil midwives. The Council's three houses, Barton House Hotel, Barton-on-Sea, Hampshire; Drygrange Hotel, Nr. Melrose, Roxburghshire; and Peveril House, Buxton, Derbyshire—between them provide 130 beds, all in single- or twin-bedded rooms. The houses have the amenities of and are run on hotel lines with no rules. Fees £3 3s. 0d. to £4 4s. 0d. per week. Application forms obtainable from the wardens.
County Medical Officers of Health Group of the Society of Medical Officers of Health and Association of County Medical Officers of Health of England and Wales	<i>Hon. Sec. :</i> T. Ruddock-West, M.D., B.S., D.P.H., County Public Health Department, 29, Thorpe Road, Norwich, Norfolk. Norwich 22288.	To promote and facilitate, amongst county medical officers of health, discussion and exchange of views on matters of public health and administration and practice in the administrative counties of England and Wales.
Cripples' Help Society (Manchester, Salford and District) (Inc.)	W. K. Buckley, V.R.D., A.H.A., F.C.I.S., Haworth's Buildings, 5, Cross Street, Manchester. Deansgate 3678/9.	Founded 1897. Incorporated 1943. Registered in accordance with the National Assistance Act, 1948. The object of the Society is the welfare of the physically handicapped and disabled person without restriction as to age or cause of disability. The Society manages the hospital special school at the Children's Orthopaedic Hospital, Marple, Cheshire.
Diabetic Association	<i>Executive Sec. :</i> Mrs. M. Hinz. <i>Organising Sec. :</i> Miss I. Holland Rogers, 152, Harley Street, London, W.1. Welbeck 6001, 0556.	To benefit and serve diabetics and those who are concerned with diabetics. To promote the study and diffuse knowledge, of the causes and treatment of diabetes. To safeguard the social and economic interests of diabetics by all possible means. To facilitate the manufacture and distribution of approved diabetic preparations, foods and beverages. To assist in the provision of nurses, dietitians, convalescent homes, schools, laboratories, clinics, etc. for the benefit of diabetics. To publish journals, books, etc. for the benefit of diabetics.
Disabled Persons Employment Corporation Ltd.	L. G. Hinton, B.Com., A.C.I.S., Egginton House, 25-28, Buckingham Gate, London, S.W.1. Victoria 7531/6.	The Corporation has been formed for the purpose of providing paid employment for registered severely disabled persons who are unable by virtue of their disablement to obtain employment through normal commercial channels. Employment under special conditions is provided either in factories (known as "Remploi Factories") or in the home, in cases where the severity of the disablement renders the individual homebound. So far as possible Remploi Factories are run as normal industrial concerns which have for their object the production of saleable goods.
District Provident and Charity Organisation Society of Manchester and Salford	<i>Hon. Sec. :</i> Miss J. Gaddum, Gaddum House, 16/18, Queen Street, Manchester 2. Blackfriars 9165/7.	<i>Family Case Work.</i> The Society undertakes the investigation of cases referred by other societies or individuals. It also deals with applications for assistance or advice made personally or referred by other organisations, and assists financially from its own funds when necessary. <i>Gaddum House.</i> This building is the property of the Society, and provides office accommodation for 20 voluntary organisations engaged in social work. <i>West Hill Convalescent Home, Southport.</i> Also the property of the Society. Accommodates 80 patients between 16 and 70 years of age.
Dr. Barnardo's Homes	<i>General Sec. :</i> F. J. Potter, A.C.A., Stepney Causeway, London, E.1. Stepney Green 3400.	These homes support 7,000 children. They are not subsidised or nationalised and in 82 years they have rescued 137,500 boys and girls under their Charter—"No destitute child ever refused admission." They comprise homes for boys, homes for girls, mixed homes, nursery homes, technical and

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
Dr. Barnardo's Homes — <i>contd.</i>		sea-training schools, hospital homes, convalescent homes, special homes for handicapped children, boarding-out centres and hostels for working boys and girls. They also have branches in Canada and Australia.
Edinburgh Obstetrical Society	T. N. MacGregor, M.D., F.R.C.S.E., F.R.C.O.G., 7, Drumsheugh Gardens, Edinburgh. Edinburgh 24361.	The object of the Edinburgh Obstetrical Society is to advance the knowledge of obstetrics and gynaecology. Meetings are held at monthly intervals during the winter. Communications on obstetrical and gynaecological subjects are given by members of the Society. The transactions of the Society are published in the Edinburgh Medical Journal.
Emergency Bed Service	R. E. Peers, 10, Old Jewry, London, E.C.2. Monarch 3000.	The service, at the request of a doctor, arranges for the admission of all types of acute case (excepting T.B. and mental) to hospital. Administered by King Edward's Hospital Fund for London as agent for the Metropolitan Regional Hospital Boards.
Empire Rheumatism Council	<i>General Sec. :</i> R. Victor Howell, Tavistock House (North), Tavistock Square, London, W.C.1. Euston 8109.	To organise research into the causes and means of treatment of rheumatism, arthritis, fibrositis and allied diseases. To encourage teaching and to stimulate public authorities to provide treatment.
Eugenics Society	<i>General Sec. :</i> C. P. Blacker, M.A., M.D., 69, Eccleston Square, London, S.W.1. Victoria 2091.	To study the influences, social and genetical, that may modify inborn human qualities; to formulate and support policies for developing these qualities to the utmost advantage; to promote research upon eugenic problems; and to foster a responsible attitude to parenthood.
Faculty of Anaesthetists	W. F. Davis, Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	To advance the science and art of anaesthetics.
Faculty of Dental Surgery	W. F. Davis, Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	To advance the science and art of dental surgery and to encourage study and research in the field of dental surgery and cognate subjects.
Family Welfare Association (formerly the Charity Organisation Society)	<i>General Sec. :</i> B. E. Astbury, O.B.E., 296, Vauxhall Bridge Road, London, S.W.1. Victoria 7334/8.	Main functions: family casework and personal service in personal and family problems; research into social problems, particularly those affecting the family; training of students in family casework; provision of information service on resources and administration of charitable institutions; marriage welfare work; administration of Central London Citizen's Advice Bureaux; arrangements for recuperative holidays; administration of free legal advice centres, etc. Publications include: "How to help cases of distress," 4s. annually, "Charities Register and Digest," 10s. 6d. annually, and "Social Work," quarterly, 4s. per annum.
Federated Superannuation Scheme for Nurses and Hospital Officers (Contributory) (Inc.).	<i>General Manager and Sec. :</i> Major G. B. Wade, M.B.E., The Central Council, Rosehill, Park Road, Banstead, Surrey. Burgh Heath 3168, 3899.	To provide pensions and other similar benefits for nurses, hospital officers and the eligible employees of hospitals, nursing associations and kindred institutions and charitable organisations. The scheme provides for free world-wide migration within nursing service (nurses) and hospital service (officers). Benefits are secured by applying scheme contributions as premiums on insurance policies effected in the name of the Central Council as grantees with life insurance companies whose quotations have been approved for the purposes of the scheme.
Fellowship of Post-Graduate Medicine	Miss M. L. Worth, 1, Wimpole Street, London, W.1. Langham 4266.	The Fellowship of Post-graduate Medicine is a bureau for giving information and advice on post-graduate medical courses of instruction, and also arranges a certain number of such courses. It publishes the monthly "Post Graduate Medical Journal" which contains articles of wide medical, surgical and specialist interest, usually clinical rather than academic, and, in addition, a post-graduate news section giving as much information as is obtainable on post-graduate facilities available in all parts of the British Isles.
Food Education Society	<i>Hon. Sec. :</i> Harold Hunt, J.P., 29, Gordon Square, London, W.C.1.	To raise the standard of national health and to reduce preventable disease by promoting knowledge in the choice and preparation of food and in the vital relationship between soil fertility, food quality and human health.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
Glasgow Obstetrical and Gynaecological Society	H. Stirling, M.R.C.O.G., 39, Clevedon Road, Glasgow, W.2. Bel 2821.	To promote the study and advancement of the science and practice of obstetrics and gynaecology. Meetings held in Royal Maternity Hospital third Wednesday each month October–April inclusive.
Greater London Fund for the Blind	Capt. E. Broadley, D.S.O., R.N., 2, Wyndham Place, London, W.1. Paddington 1677.	Established in 1921 as a central organisation in Greater London to collect money and funds on behalf of the undermentioned institutions, workshops and societies for the blind. These societies provide for child welfare, training of older children adults, employment in workshops or as home adults, employment in workshops or as home workers, relief of the poor and unemployable blind, provision of books, music and apparatus, higher education, massage, social welfare, homes and hostels, homes of recovery for war-blinded civilians, prevention of blindness, and are generally engaged in the welfare of the 14,800 civilian blind of Greater London.
Greater London Red Cross Blood Transfusion Service.	Mrs. R. E. Bourn, 10, Collingham Road, Earls Court, London, S.W.5. Frobisher 6477/8.	Inaugurated in 1921 the Service maintains a panel of voluntary donors "on call" to provide "fresh blood" to any hospital or institution in the Greater London area. Its present panel of 1,300 donors served 3,348, cases during 1948. Hospitals requiring donors may telephone the service at any time of the day or night, and upon receipt of details as to the group of blood required, the location of the hospital and the time at which the transfusion is required, a donor is despatched accordingly. This "fresh blood" service is complementary to the Ministry's blood banks.
Guild of Hospital Librarians.	Miss J. Cloke, F.L.A., c/o. The Library Association, Chaucer House, Malet Place, London, W.C.1. Euston 5856.	The Guild of Hospital Librarians is an independent organisation whose object is to unite all persons engaged in or interested in hospital library work. It is to promote the establishment of such libraries in hospitals, to further their better organisation and administration, and to promote whatever may tend to the improvement of the qualifications of the librarians; through its quarterly publication, the "Book Trolley," it publishes information of interest to its members. The membership subscription is 2/6d. per annum.
Harveian Society of London.	<i>Treasurer :</i> Sir Cecil Wakely, K.B.E., C.B., D.Sc., F.R.C.S., 14, Devonshire Street, London, W.1. Welbeck 0188.	A medical society instituted over a hundred years ago meeting each month in London. Its members are general practitioners, surgeons, physicians and specialists.
Heberden Society.	<i>General Secretary :</i> R. V. Howell, c/o. The Empire Rheumatism Council, Tavistock House North, Tavistock Square, London, W.C.1. Euston 8109.	The Heberden Society is a clinical and scientific Society for the advancement of the study of the rheumatic diseases.
Home Service Ambulance Department.	<i>Joint Secs. :</i> Miss H. Attenbrow and H. T. Ferrier, M.B.E., Joint Committee of the Order of St. John and British Red Cross Society, 12, Grosvenor Crescent, London, S.W.1. Sloane 9828, 7136.	Co-ordination of motor ambulance services of the Order of St. John and the British Red Cross Society.
Hospital Contributory Schemes Administrators Association.	<i>Hon. Sec. :</i> J. Dodd, B.Com., A.C.I.I., Royal London House, Queen Charlotte Street, Bristol, 1. Bristol 23495.	To promote the general welfare of members, to discuss and study matters relating thereto and to act as may be deemed expedient in the interest of members; to ascertain the law and practice relating to matters connected with contributory schemes, to collect and form a strong body of expert opinion and to watch any legislation affecting the status and welfare of members; to promote efficient organisation and administration of contributory schemes; to co-operate with kindred associations; to form approved branches to publish matters of general interest to members.
Hospital Saturday Fund.	L. B. Dart, 14-18, Holborn, London, E.C.1. Chancery 6311/4.	To give or to procure the giving of medical relief, either gratuitously or not, to any person residing in any part of the United Kingdom of Great Britain and Northern Ireland, Eire, the Channel Islands and the Isle of Man, which shall include any form of medical, ophthalmic, surgical, dental, psychological or other health treatment, and shall also include the giving of financial and other assistance

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Hospital Saving Association	<i>Gen. Sec. :</i> C. S. Clarke, 30, Lancaster Gate, London, W.2. Paddington 7601.	in connection with, and either, before, during or after any such treatment, or which may be desirable or requisite to avoid the necessity for any such treatment. To organise a contributory scheme within the area of the four metropolitan hospital regions for the purpose of supplementing the National Health Service by co-operating with hospitals and almoners in the interests of patients. The H.S.A. makes grants to contributors when they or their dependents are in-patients in hospital and during convalescence, and towards the extra cost of medical, surgical and optical appliances. It provides a maternity benefit and maintains a benevolent fund. It also gives advice to contributors in any dispute or difficulty concerned with the social security services.
Hunterian Society	D. F. Bicknell, 14, Wimpole Street, London, W.1. Langham 2274.	To discuss current medical and surgical problems. The Society is open to all members of the profession. One meeting a year is devoted to a subject of public medical importance, to which the general public is invited. The meetings are always held in the "City." Transactions are published annually. The Society possesses money, valuable books and relics all relating to John Hunter.
Imperial Cancer Research Fund	K. Cassels, M.A., F.C.I.S., Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	To make and promote investigations into all matters connected with or bearing on the causes, prevention, treatment and cure of cancer. The Fund maintains modern research laboratories at Mill Hill staffed by an expert team of about 10 highly qualified medical men and scientists. Statistical information is also collected and there is a reference library for the use of the staff. Grants are sometimes made to other organisations or individuals. The Fund raises its own income from voluntary sources and receives no financial aid from the government.
Incorporated Association for Promoting the General Welfare of the Blind	<i>Sec. : and General Manager :</i> S. W. Starling, 257-8, Tottenham Court Road, London, W.1. Museum 3221.	To give technical training to adult blind persons. To give employment to adult blind persons approved for admission to the workshops of the association. To dispose of the products of the persons so employed. To provide for the general welfare of the blind persons on its register.
Industrial Orthopaedic Society	P. F. Pollard, F.C.C.S., Manor House Hospital, North End Road, Golders Green, London, N.W.11. Speedwell 6601.	The Industrial Orthopaedic Society is a friendly society which owns and controls the Manor House Hospital at Golders Green, together with a dental and two optical departments for the use of the members of the Society. It also administers a Rheumatic Clinic at Clapham Common for members of the London Transport (Central Road Services) Employees Friendly Society. In addition, it is now developing two rehabilitation centres each of which will be able to accept 100 patients, one at Clapham Park, Bedford, and the other at Elton Hall, Near Stockton-on-Tees. The Society is national and has offices in Sunderland, Leeds, Derby, Cardiff, and London, and its members who contribute a minimum of 1d. per week are employed in all parts of the country.
Infantile Paralysis Fellowship	F. Morena, 37, Tavistock Place, London, W.C.1. Euston 5625.	Founded January 1939, by Patricia Carey to associate sufferers from infantile paralysis in fellowship for the encouragement and development of their interests and abilities, to find means of training its members and, where necessary, of re-educating them, for occupations in which they can support themselves and make their contribution to the economic and social life of the community, to afford the less badly handicapped the opportunity of knowing other members more severely disabled than themselves and of rendering service to them, to alleviate the loneliness of friendless sufferers from infantile paralysis and to bring all those who need advice and assistance into contact with available sources of help. To arouse the social conscience on the problems and difficulties encountered by the paralysed and, as opportunity serves and need arises, to influence legislation on their behalf.
Institute of Public Cleansing	K. Wyndham Brown, A.C.I.S., F.R.Ecom.S., 8, Orange Street, London, W.C.2. Whitehall 2604.	To promote scientific and technical methods of street cleansing, refuse collection and disposal; to improve the professional status of cleansing officers and the maintenance of their rights and privileges; to examine candidates in subjects relating to public cleansing and the granting of certificates.

Organisation	Secretary Address and Telephone	Objects
Institute for the Scientific Treatment of Delinquency	Mrs. E. Draper, 8, Bourdon Street, Davies Street, London, W.1. Mayfair 0632.	The Institute for the Scientific Treatment of Delinquency was founded in 1931. Devoted exclusively to scientific research into the causes, treatment and prevention of crime. The material is furnished by study of cases referred to the Portman Clinic from the courts and by social and welfare organisations for diagnosis and treatment. <i>The Portman Clinic</i> (I.S.T.D.), North West Metropolitan Regional Hospital Area, No. 21, Paddington Group Hospital Management Committee. An out-patient Clinic for the diagnosis and treatment of delinquents of all ages, with an advisory service to courts. It co-operates with the Institute in carrying out experimental treatment, research and teaching.
Institute of Sewage Purification	W. F. Freeborn, F.INST.S.P., 34, Cardinal's Walk, Hampton-on-Thames, Middlesex. Molesey 1590 and Hounslow 3235.	To promote the advancement of the science and practice of sewage purification, including the treatment and disposal of waste waters from manufacturing processes and the prevention of pollution of rivers and water courses; and to co-operate with local authorities, government departments, and other appropriate bodies, for this purpose. To encourage and direct the training and education of persons engaged in the practice of sewage purification. To initiate, co-ordinate, and supervise research upon matters relating to sewage purification, and to publish and distribute journals and papers on sewage purification, and to promote meetings for their discussion.
Institute of Social Medicine.	Director : Professor J. A. Ryle, M.A., M.D., F.R.C.P., 10, Parks Road, Oxford, Oxford 47257.	To investigate the influence of social, genetic, environmental and domestic factors on the incidence of human disease and disability. To seek and promote measures, other than those usually employed in the practice of remedial medicine, for the protection of the individual and of the community against such forces as interfere with the full development and maintenance of man's mental and physical capacity. The Institute of Social Medicine is concerned with teaching and research. The main research sections are : vital statistics, child health, industrial health, student health and radiography.
Institute of Sociology	A Farquharson, M.B.E., M.A., Le Play House, Ledbury, Herefordshire. Ledbury 123.	To promote the study and teaching of sociology and the sociological study of human communities, the use of sociological studies in education and the application of such studies to urban and rural development.
International Council of Nurses	Executive Sec. : Miss. D. C. Bridges, R.R.C., S.R.N., S.C.M., 19, Queen's Gate, London, S.W.7. Western 2096.	The International Council of Nurses is a Federation of National Nurses Associations; it is non-sectarian and non-political and has been accepted into official relationship with the World Health Organisation. The International Council of Nurses offers international recognition of professional standards and protects the interests of its members. It provides a means of communication and exchange between nurses of various nationalities. The International Council of Nurses is able to collect information about nursing from all over the world and to distribute such information as required. A bulletin known as the "International Nursing Bulletin" is published quarterly.
International Hospital Federation	Hon. Sec. and Treasurer : Capt. J. E. Stone, C.B.E., M.C., F.S.A.A., F.H.A., Division of Hospital Facilities, King Edward's Hospital Fund for London, 10, Old Jewry, London, E.C.2. Monarch 2394.	The Federation is an independent study organisation, which aims at maintaining an exchange of hospital information and experience between hospital associations and other public and private organisations, institutions and individuals interested in hospital work. For this purpose it provides for the collection of national literature on hospital work and practice; reports of conferences and institutes; building plans; and all other material which has a bearing on hospital work.
Invalid Children's Association (Inc.)	Miss G. D. Rattenbury, 4, Palace Gate, London, W.8. Western 3914.	To collect and put at the disposal of parents and others, all information with regard to the care of invalid and crippled children, and the facilities which exist for their treatment. To co-operate with doctors, hospital almoners and others, by reporting on those aspects of the child's social background which are relevant to the understanding and treatment of the illness. To assist regional hospital boards and local health authorities in placing children in suitable convalescent or recuperative holiday homes. To assist the seriously invalided and crippled child to become a self-supporting citizen. Owns five residential schools of recovery, three recuperative holiday homes, twenty eight Centres in London and Greater London for Social Service.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
Invalid Kitchens of London	<i>Hon. Sec. :</i> Pamela, Lady Glenconner, 11, Ironmonger Lane, London, E.C.2. Monarch 2702.	To provide suitable meals for the sick and others who cannot for physical reasons cater for themselves. Provides special diets for :—(a) People ill at home without home-help; patients awaiting admission to hospitals and homes; convalescents discharged from hospitals; expectant and nursing mothers etc. (b) Patients suffering from gastritis, duodenal ulcer, diabetes, etc., (c) Old people suffering from malnutrition through inability to cater for themselves. During past year, 33,000 meals were served in the six Invalid Kitchens; also 46,000 meals were delivered by motor service to the homes of those who were too ill or too far away to visit a Kitchen.
Joint Committee of London Workshops for the Blind	<i>Hon. Sec. :</i> A. W. Cooper, 47, Victoria Street, London, S.W.1. Abbey 7322.	This Committee works for the promotion of co-operation and the discussion of problems affecting all, or some, of the workshops jointly.
Joint Committee of the Order of St. John of Jerusalem and the British Red Cross Society (1944)	<i>Joint Secs. :</i> Major-General J. E. T. Younger, C.B., and W. J. Phillips, M.B.E., 12, Grosvenor Crescent, London, S.W.1. Sloane 7136.	Constituted 31st October, 1944, to discharge certain post-war obligations of the war organisation. Administers the expenditure on such purposes of balance of money from the Duke of Gloucester's Fund. Departments administered are finance, stores, emergency help and after-care for invalided ex-service personnel, hospital library, hospitals and medical services, home service ambulance and there is also a training sub-committee. The work of the Joint Nursing and V.A.D. Services Committee in assisting nursing officers of the uniformed nursing services of the Crown and members of units of the St. Johns Ambulance Brigade and the British Red Cross who had served in either of the 1914-18 or the 1939-45 wars was taken over by the Joint Committee on 1st May, 1947 and transferred to the appropriate departments.
Joint Secretariat for Specialist Associations	Miss B. M. Key, 45, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	The Joint Secretariat for Specialist Associations has been set up by the Royal College of Surgeons of England to provide offices and a secretarial service for specialist medical and surgical associations, being members of the Joint Secretariat.
Joint University Council for Social Studies and Public Administration	<i>Hon. Sec. :</i> Mrs. G. Williams, B.A., 5, Victoria Street, London, S.W.1. Abbey 6369.	The J.U.C. consists of representatives of all universities and university colleges in Great Britain and Ireland which provide courses of study for the training of social workers. In addition to providing opportunities for discussion of common problems, it is in constant touch with the authorities and organisations—both statutory and voluntary—which employ trained social workers, and it publishes a brochure giving details of all courses of training for different branches of social work. A standing committee of the Council is concerned with courses in public administration.
King Edward's Hospital Fund for London	A. G. L. Ives, M.V.O., 10, Old Jewry, London, E.C.2. Monarch 2394.	President: H.R.H. The Duke of Gloucester, K.G. Founded 1897. Assets exceed £6,000,000. The income formerly distributed to voluntary hospitals is now available for the "support benefit, or extension" of the hospitals of London. The principal Committees of the Fund are: Management Committee (Chairman, Sir Ernest Pooley, K.C.V.O.); Finance Committee (Chairman, Sir Edward Peacock G.C.V.O.); Distribution Committee (Chairman, Sir Archibald Gray, C.B.E., M.D.); Convalescent Homes Committee (Chairman, Sir Henry Tidy, K.B.E., M.D.). Activities include Division of Hospital Facilities (Director, Capt. J. E. Stone, C.B.E.), Division of Nursing (Director, Miss M. M. Edwards, M.V.O.); Catering and Dietetic Advisory Service (Chairman, Sir Jack Drummond, D.Sc.); also provision of bursaries for hospital administrators, medical records officers, almoners, etc., and the publication of memoranda on many topics of interest to hospitals: see also Nursing Recruitment Service and Emergency Bed Service.
Liverpool Child Welfare Association (Inc.)	Miss Christine Finchett, 9, Copperas Hill, Liverpool, Lancs. Royal 5206.	The Association promotes curative and preventive endeavour for the well-being of children. Assists the work of the hospitals, the public health, school medical, and other social organisations. (The Association has its own convalescent homes and, provides also holidays for as many city bound children as possible, living in congested areas.) Gives material assistance to necessitous children.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
London Area Mobile Physiotherapy Service	<i>Joint Secs. :</i> R. Gerard, M.A. (Cantab) and N. Redlich, 19, The Broadway, London, W.6. Riverside 4058-9.	A voluntary association to provide domiciliary or treatment room physiotherapy, prescribed by general medical practitioners, for employed persons and their dependents who are members of L.A.M.P.S. Contributory Scheme, to collect and administer charitable funds for providing domiciliary, etc., physiotherapy for persons without means to pay for treatment, to act as auxiliary to hospital, local health authorities, etc., which are not providing domiciliary service by direct means, to arrange service at factories, etc. Service operates generally through private chartered physiotherapists, and mobile units in some districts.
London Council of Social Service	R. Clements, O.B.E., J.P., 7, Bayley Street, Bedford Square, London, W.C.1. Museum 4864.	The London Council of Social Service was founded in 1910 and reorganised on a regional basis in 1936. It is a central clearing house for voluntary social work and serves all parts of the Metropolitan Police area. It works in association with local councils of social service, citizens' advice bureaux, old people's welfare committees, community associations and centres and kindred groups. It initiates, organises and advises voluntary organisations to promote social welfare and a better community life.
London and District Nursing Association	<i>Principal :</i> L. Miller, F.S.C., F.W.I., Holborn Hall, London, W.C.1. Holborn 6474/5.	As an agency it exists to obtain suitable appointments for all its members, to obtain as reasonable a salary and conditions of employment as can be commanded on behalf of its members and to safeguard the interests of nurses in every sphere.
Medical Defence Union	R. Forbes, M.B., Ch.B., 49, Bedford Square, London, W.C.1. Museum 1337.	The Union supports and protects the character and interests of registered medical or dental practitioners practising in Great Britain, Northern Ireland, Eire, the Channel Islands or the Isle of Man and overseas. It advises and/or defends or assists in defending, members of the Union in cases where proceedings involving questions of professional principle or otherwise are brought against them. It assists and/or defends members in matters of professional interest which raise medico-legal issues.
Medical Practitioners' Union	<i>General Sec. :</i> H. B. O. Cardew, L.M.S.S.A., 55-56, Russell Square, London, W.C.1. Museum 5626/8.	The Medical Practitioners' Union is a trade union registered under the Friendly Societies Acts and affiliated to the Trades Union Congress. It is non-political and is engaged in furthering the interests of the medical profession in general.
Medical Superintendents' Society	J. M. Milloy, M.A., B.Sc., M.B., Ch.B., F.R.C.S., B.M.A. House, Tavistock Square, London, W.C.1. Euston 8201.	To compare the methods of work and organisation of hospitals, and to further by mutual co-operation the interests of medical superintendents and their deputies, and to foster research and post-graduate refresher courses.
Medico-Legal Society	J. Thompson Halsall, 26, Portland Place, London, W.1. Langham 2127.	The object of the Society shall be the promotion of medico-legal knowledge in all its aspects. This object is attained by holding meetings at which papers shall be read and discussed, and by such other means as the Council shall approve.
Mental After-Care Association	Miss H. S. Russell, 110, Jermyn Street, London, S.W.1. Abbey 5953.	To assist persons recovering from mental and nervous disorders after active medical treatment has been given, or to assist those for whom preventive measures are necessary to avoid a complete breakdown—by providing a period of convalescence at a seaside or country home, by occupational therapy at a rehabilitation centre, by assisting patients to obtain suitable employment.
Metropolitan Hospital Sunday Fund	L. W. Watts, 18, Queen Victoria Street, London, E.C.4. City 7401.	To collect funds by means of offertories at places of worship in the metropolitan area and personal donations, for distribution among the hospitals and medical charities of London. The sums awarded to these institutions must be used for the benefit of the sick poor in ways not provided for under the National Health Service.
Ministry of Labour and National Service Indus- trial Rehabilitations Unit	Ministry of Labour and National Service, Ebury Bridge House, Ebury Bridge Road, London, S.W.1. Sloane 9661.	To provide in accordance with Section 3 of the Disabled Persons (Employment) Act, 1944, courses of industrial rehabilitation for such disabled persons (men and women) who are in need of them in order to render them fit for employment. To give under medical supervision, whatever exercise, physical training and workshop activity may be needed by an individual to develop the full working capacity of which he or she may be capable ; to give vocational guidance as to the best type of employment to follow and to co-operate with other branches of the

Organisation	Secretary Address and Telephone	Objects																										
Ministry of Labour and National Service Industrial Rehabilitation Unit. —contd.		<p>Ministry in placing the individual in employment or in training that will lead to employment. Rehabilitates are recruited mainly from among disabled persons who are registered as unemployed, and patients of hospitals and doctors where medical treatment has reached the stage at which they could benefit by a course of industrial rehabilitation to fit them for an early return to work. They are given a course of rehabilitation best suited to their needs which normally lasts from 4 to 6 weeks under the direction of skilled staff which includes besides the doctor, a rehabilitation officer, vocational guidance officer, welfare officer and disablement resettlement officer, as well as a remedial gymnast and a number of occupational supervisors. During the course the rehabilitatee is paid a maintenance allowance.</p> <p>The following is a list of industrial rehabilitation units, their addresses and telephone numbers:—</p> <table><tr><th>Unit</th><th>Address and Telephone No.</th></tr><tr><td>(1) Birmingham .. (Holyhead Rd.)</td><td>255, Holyhead Rd., Handsworth, Birmingham, 21. Northern 1998 and 2246.</td></tr><tr><td>(2) Cardiff ..</td><td>14/16, Buildings, Curran's Rd., Cardiff. Cardiff 9090.</td></tr><tr><td>(3) Coventry ..</td><td>Torrington Avenue, Tile Hill, Coventry. Tile Hill 66634.</td></tr><tr><td>(4) Denton ..</td><td>Windmill Lane, Denton, Manchester. Denton 2663/5</td></tr><tr><td>(5) Edinburgh .. (Granton).</td><td>West Granton Rd., Edinburgh, 5. Edinburgh 89128</td></tr><tr><td>(6) Egham ..</td><td>"Woodlee," Egham, Surrey Egham 880.</td></tr><tr><td>(7) Felling ..</td><td>Green Lane, Felling-on-Tyne, Gateshead, 10, Co. Durham. Felling 82285.</td></tr><tr><td>(8) Hillington ..</td><td>Industrial Estate, Queen Elizabeth Avenue, Hillington, Glasgow, S.W.2. Halfway 1738/9.</td></tr><tr><td>(9) Hull ..</td><td>Chamberlain Road, Hull. Hull 34730 and 34739.</td></tr><tr><td>(10) Leeds ..</td><td>Dewsbury Rd., Leeds, 10. Leeds 76074.</td></tr><tr><td>(11) Leicester ..</td><td>Thurmaston Rd., Humberstone Lane, Leicester. Leicester 27073.</td></tr><tr><td>(12) Sheffield ..</td><td>Handsworth Rd., Sheffield. Sheffield 41261.</td></tr></table>	Unit	Address and Telephone No.	(1) Birmingham .. (Holyhead Rd.)	255, Holyhead Rd., Handsworth, Birmingham, 21. Northern 1998 and 2246.	(2) Cardiff ..	14/16, Buildings, Curran's Rd., Cardiff. Cardiff 9090.	(3) Coventry ..	Torrington Avenue, Tile Hill, Coventry. Tile Hill 66634.	(4) Denton ..	Windmill Lane, Denton, Manchester. Denton 2663/5	(5) Edinburgh .. (Granton).	West Granton Rd., Edinburgh, 5. Edinburgh 89128	(6) Egham ..	"Woodlee," Egham, Surrey Egham 880.	(7) Felling ..	Green Lane, Felling-on-Tyne, Gateshead, 10, Co. Durham. Felling 82285.	(8) Hillington ..	Industrial Estate, Queen Elizabeth Avenue, Hillington, Glasgow, S.W.2. Halfway 1738/9.	(9) Hull ..	Chamberlain Road, Hull. Hull 34730 and 34739.	(10) Leeds ..	Dewsbury Rd., Leeds, 10. Leeds 76074.	(11) Leicester ..	Thurmaston Rd., Humberstone Lane, Leicester. Leicester 27073.	(12) Sheffield ..	Handsworth Rd., Sheffield. Sheffield 41261.
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National Association for the Establishment and Maintenance of Sanatoria for Workers Suffering from Tuberculosis	A. J. Wood, Benenden, Kent. Benenden 2110.	Benenden Sanatorium is governed by the Council of the National Sanatorium Association and has been disclaimed by the Minister of Health. It is a private sanatorium for Civil Servants who are members of the Civil Service Sanatorium Society. Any beds in excess of the needs of the Society are placed at the disposal of the regional board. There is accommodation for 154 adult patients suffering from pulmonary tuberculosis—90 male, 64 female.																										
National Association for Maternity and Child Welfare	Miss I. V. Evelyn, 5, Tavistock Place, London, W.C.1. Euston 1874.	The furtherance of education in matters connected with maternity and child welfare and the study and prevention of mortality and ill health among mothers and young children. The Association acts as a consultative body in connection with maternity and child welfare, organises local, national and international conferences and meetings and publishes and distributes books, journals and pamphlets, particularly on parentcraft.																										
National Association for Mental Health	General Sec : M. C. Owen, M.B.E., M.A., Maurice Craig House, 39, Queen Anne Street, London, W.1. Welbeck 1272.	The Association seeks to spread a knowledge of the importance of mental health in the life of the community, emphasising that its foundations must be laid in early childhood. It has an advisory service on schools and homes for maladjusted and mentally retarded children and adults, and maintains agricultural hostels for mentally defective men, holiday homes for parties of patients from mental deficiency institutions and mental hospitals and a convalescent home for epileptics. It promotes community care for persons suffering from mental or nervous disability (including epilepsy) and maintains regional offices throughout the country.																										
National Association for the Paralysed	Registrar : P. F. Stewart, M.C., The British Council for Rehabilitation, 32, Shaftesbury Avenue, London, W.1.	The collection and dissemination of all kinds of information essential to the well-being of the paralysed including technical information, suggestions as to the best means of overcoming particular disabilities and advice on the benefits and help to be derived from Government departments, local																										

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
National Association for the Paralysed —contd.		authorities and voluntary organizations. The collection of facts and figures about the numbers, problems and needs of paralysed people, in order to obtain changes of policy where necessary and to make specific recommendations on paralysis to statutory or voluntary bodies engaged in planning for the welfare of the disabled. The furthering of special schemes, e.g., research, holiday and residential homes and amenities not covered by present arrangements.
National Association for the Prevention of Tuberculosis	J. H. Harley Williams, M.D., D.P.H., Barrister-at-Law, Tavistock House, North, Tavistock Square, London, W.C.1. Euston 3012/4.	Formed fifty years ago, the association undertakes education, research and pioneering in its special field of preventive medicine. It is a voluntary body, entirely independent of Government control, with over 200 branches and affiliated societies at home and abroad. Social welfare department advises individual cases and carries on art therapy scheme in 100 sanatoria. Refresher courses and conferences arranged continuously for doctors, nurses, social workers and administrators. Commonwealth and Empire Conference convened biennially (last July, 1949). Three periodical magazines, posters and other literature produced. Annual Christmas seal sale secures voluntary contributions for central and local activities.
National Baby Welfare Council	Miss E. A. Wood, 31, Gloucester Place, London, W.1. Welbeck 6857.	To promote maternal and child welfare by every means of education and propaganda. To interest the individual parent (mother and father) in studying and applying the best methods of parentcraft in all its aspects. To interest the individual citizen so that he or she may realise the responsibility which is the nation's in regard to maternal and child welfare matters and all matters that reflect these.
National Benevolent Society for the Deaf, incorporating the Deafened Ex-Service Men's Fund	G. J. Leggett, 23, Queen Anne's Gate, London, S.W.1. Whitehall 6397.	The Deafened Ex-Service Men's Fund, which was formed in 1919, is the only fund especially assisting the 30,000 men discharged from the Services during the Great War 1914-1918 on account of Deafness and the ex-servicemen, ex-members of the Mercantile Marine, and Women's Services, discharged on account of deafness, due to or aggravated by service in the War of 1939-1945. Under the control of the National Benevolent Society for the Deaf.
National Birthday Trust Fund	Miss D. V. Riddick, 57, Lower Belgrave Street, London, S.W.1. Sloane 5076.	The National Birthday Trust Fund has, since its foundation in 1928, carried on a campaign for the extension of the Maternity Services. It has undertaken many enquiries and investigations under medical supervision in this field and especially into the relief of pain in childbirth. The Committee of the Trust is composed of eminent obstetricians and gynaecologists, pioneer social welfare workers, representatives of women's organizations, and nursing and midwifery associations, and meets regularly to consider support to be given to programmes of research work and to initiate campaigns to educate the public on the requirements of an ideal maternity service.
National Children's Home	Rev. C. P. Walpole, Highbury Park, London, N.5. Canonbury 2033.	Founded 1869, the Home is chiefly concerned with the care and training of girls and boys deprived of a normal home life. It is registered and inspected by the Home Office, but depends upon voluntary contributions for 90% of its income. Consists of forty branches in England and Wales, some of which have their own Hospitals. There is a special centre for crippled children at Chipping Norton, Oxfordshire, and a Sanatorium at Harpenden, Herts, for those suffering from pulmonary tuberculosis. Certain beds at the Sanatorium are available for cases recommended by Public Health Authorities. All applications should be addressed to the Principal.
National Conference of Friendly Societies	H. W. Townley, O.B.E., 132, High Street, Chorlton-on-Madlock, Manchester, 13. Rusholme (Manchester) 1001.	To promote the mutual co-operation of all Friendly Societies affiliated to the Conference: to scrutinise Parliamentary proceedings affecting friendly societies and their members and to take appropriate action in connection therewith: to take action considered necessary or desirable to promote improvements in the Friendly Societies Acts, the National Insurance Acts and any other Act affecting constituent societies of the Conference: to promote health, educational and other social services ancillary to the objects of friendly societies: to co-operate with other organisations having interests common with itself.
National Council of Social Service Inc.	G. E. Haynes, C.B.E., 26, Bedford Square, W.C.1. Museum 8944.	Forms the central voluntary agency for the co-ordination and promotion of social services, by developing co-operation among voluntary social agencies and

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
National Council of Social Service Inc. —contd.		between them and statutory authorities. The Council provides a clearing house of information and carries out research, promotes and if necessary undertakes experiments, and encourages international co-operation on social problems. It provides the secretariat for a number of consultative groups of national and local service agencies.
National Council for the Unmarried Mother and her Child (Inc.)	Miss I. H. Granger, M.A., 21, Coram Street, London, W.C.1. Terminus 1890 (General) and 214 (Enquiries)	The Council acts as the co-ordinating link between statutory and voluntary workers on behalf of the unmarried mother and her child. It has worked for legislative reform, watched administration and encouraged local authorities to make full use of their powers for care of unmarried mothers and their children. It has, in the past, encouraged the setting up of hostels, homes and accommodation for mothers and babies so that it may be possible for a mother to keep her child if she wishes to. It tries to educate public opinion upon the needs of the needs of the illegitimate child, and its claim upon its fellow citizens.
National Institute for the Blind	General W. McG. Eagar, C.B.E., 224, Great Portland Street, London, W.1. Euston 5251.	The National Institute for the Blind is a voluntary organisation which exists to provide services which can best be supplied by national, rather than local or regional effort including production of Braille and Moon literature; provision of nursery and other special schools for blind children, and of homes for the blind and deaf-blind; rehabilitation of the newly-blind; training in telephony, shorthand typing and physiotherapy; industrial training and placement of blind persons; supply of apparatus and appliances, including talking book machines; personal services to the blind; prevention of blindness and development of blind welfare in Great Britain and the Colonies.
National Institute for the Deaf	G. W. Lilburn, F.I.A.C., 105, Gower Street, London, W.C.1. Euston 4796.	The National Institute for the Deaf is a national body dealing with the problems of deafness in all its aspects. The Institute provides a full information service; maintains a reference and lending library; publishes "The Silent World," a monthly magazine for the deaf and hard-of-hearing; has a technical research department for the evaluation of hearing-aids and other accoustical equipment. It also maintains homes for deaf women and a hostel for deaf boys. It is a voluntary body registered in accordance with the provisions of the National Assistance Act, 1948 and receives no State aid, relying entirely on voluntary contributions.
National League for the Blind	T. H. Smith, 262, Langham Road, London, N.15. Bowes Park 5980.	Established for the purpose of securing State responsibility for the training and employment of blind persons in trades or professions at adequate rates of wages; and for those who cannot be trained, adequate scales of maintenance from public funds. Publications:—Letterpress, The Blind Advocate issued quarterly. Braille, The Horizon, issued monthly.
National League of Hospital Friends	<i>Acting Hon. Sec.:</i> R. F. Millard, 12, Whitehall, London, S.W.1. Whitehall 1610, 1495	To facilitate the exchange of information and advice among Leagues of Hospital Friends, formed throughout the country to maintain personal interest in hospitals and their patients, and so generally to further these objects.
National Library for the Blind	Miss C. K. Garvie, 35, Great Smith Street, London, S.W.1. Abbey 2725.	To provide a free service of books in embossed type on loan to the blind. The Library not only circulates but also produces books in Braille type for the use of its blind readers.
National Society for Epileptics	G. A. C. Preston, Chalfont Colony, Chalfont St. Peter, Bucks. Chalfont St. Giles 242.	At the Chalfont Colony, comprising 350 acres, some 550 epileptic men, women and children are following the vocations of ordinary life, engaged in farm work and industries and taking part in athletic recreation. 100 children are cared for and educated at the Special Residential School; Continuation Courses in gardening and domestic subjects are provided for forty adolescent youths and young women. Special arrangements are available for the admission of cases requiring convalescence from illness or accident, and also for the accommodation of holiday cases and others requiring only temporary treatment.
National Society for the Prevention of Cruelty to Children	<i>Director:</i> Rev. W. N. McCann, M.A., Victory House, Leicester Square, London, W.C.2. Gerrard 2774.	The object of the N.S.P.C.C. is to ensure that the nation's children shall grow up into strong, self-reliant and happy citizens. It, therefore, concerns itself not only with cases of physical neglect and ill-treatment, but also with other matters inimical to children's welfare. It will for instance, take up the cases of children exposed to moral contamination,

Organisation	Secretary Address and Telephone	Objects
National Society for the Prevention of Cruelty to Children —contd.		denied necessary medical attention, or suffering from mental cruelty through being left alone at night, etc., etc. It completes most of its cases by advice, warning and supervision, and prosecutes in less than 3% of them.
Nuffield Foundation	L. Farrer-Brown, J.P., 12-13, Mecklenburgh Square London, W.C.1. Terminus 5288.	The Foundation seeks to further the advancement of health and the prevention and relief of sickness in particular by medical research and teaching and by the organisation and development of medical and health services, the advancement of social well-being particularly by scientific research and the organisation development and improvement of technical and commercial education including the training of teachers and the provision of scholarships and prizes, the care and comfort of the aged poor. The foundation is a charitable trust, supporting projects within the above-mentioned terms of the Trust Deed, confining its activities to the help of organisations or (in the case of fellowships) individuals within the U.K. and Commonwealth. It is the practice of the Foundation to fund its grants—most of which are payable over a period of years—from current income, leaving future funds free for exploiting opportunities as they may occur.
Nuffield Provincial Hospitals Trust	L. Farrer-Brown, J.P., 12-13, Mecklenburgh Sq., London, W.C.1. Terminus 5288/9.	The objects of the Trust are two-fold ; namely to assist in the betterment of regional co-ordination between those hospitals and ancillary medical services provided for in the National Health Service Act, and the development and betterment of co-ordination on a regional basis (between themselves and in relation to hospitals) of those medical services ancillary to hospitals (e.g., industrial health services) to which the Act does not extend. In pursuing this object the policy of the Trust will be directed to ; (i) the fullest scientific study of the hospital and ancillary medical services ; (ii) the conduct of practical experiments when they appear necessary as a means of finding the true facts or of testing promising ideas ; (iii) the demonstration of new methods believed to be an improvement on the old, as being often the quickest way to gain their acceptance. Sometimes these studies, experiments and demonstrations may be conducted directly by the Trust. More often, they are conducted by other bodies with the financial support of the Trust.
Nurses' Memorial to King Edward VII	Hon. Sec. : Miss H. A. Alsop, M.B.E., 406a, Clive Court, Maida Vale, London, W.9. Cunningham 6724.	Founded by nurses, with the assistance of generous donations from friends of the profession, to provide a home or homes for retired nurses of limited means. Applicants for admission must have private means of 35/- per week (or such other minimum income as the Committee may from time to time fix) ; they must not be over 70 years of age nor in need of medical care. Address of home :—18, Victoria Rise, Clapham, London, S.W.4. All enquiries to Hon. Sec.
Nursing Appointments Service of the Ministry of Labour and National Service	Nursing Services Branch, Ministry of Labour and National Service, 12-13, St. James's Square, London, S.W.1. Whitehall 6722.	The Nursing Appointments Service is administered from the headquarters through 11 regional and 31 nursing appointments offices situated in the larger towns of Great Britain together with a liaison Officer in Dublin. The Service is responsible for recruitment to the nursing and midwifery professions and for placing nurses and midwives in vacancies notified to the nursing appointments offices. It also provides an advisory service for those who desire to further their careers, or who seek appointments abroad. The Service provides a complete careers advice service for young people who are interested in nursing and midwifery as a career.
Nursing Recruitment Service	Miss M. M. Edwards, M.V.O., 21, Cavendish Square, London, W.1. Langham 4362/3.	Founded by King Edward's Hospital Fund for London in 1940, as a permanent advisory centre for those thinking of entering the nursing profession and as a "public relations department" for nursing. Over 13,000 of those who have consulted the service are known to have entered hospital for training ; many more probably have done so. Those who apply too young to become student nurses are advised about the best means of "bridging the gap" and are followed up later. The Centre is staffed by trained nurses and speakers on nursing as a career are sent to schools and conferences in any part of the country.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
Nutrition Society	Prof. S. J. Cowell, F.R.C.P., University College Hospital Medical School, London, W.C.1. Euston 5861.	The object of the Society is to advance the scientific study of nutrition and its application to the maintenance of human and animal health. Membership is open to any suitably qualified person whose work has contributed, or is likely to contribute, to scientific knowledge of nutrition or to its practical application. The Society holds scientific meetings and Conferences and publishes The British Journal of Nutrition, which contains both original scientific papers and the proceedings of its meetings and conferences.
Overseas Nursing Association	<i>Hon. Sec. :</i> Miss E. G. Antrobus Miss M. Gawan Taylor O.B.E., 15, Victoria Street, London, S.W.1. Abbey 5486.	The Overseas Nursing Association was established in 1896 to provide trained nurses for hospital and private work in the British Colonies and among other British communities abroad. It is a private society but has from the beginning been the official agency through which the Colonial Office recruits nurses for Queen Elizabeth's Colonial Nursing Service. Physiotherapists, radiographers and dietitians are also recruited for Colonial service. The Association is supported by private donations and by appointment fees paid by the Colonial Governments and certain other employing authorities overseas.
Pathological Society of Great Britain and Ireland	<i>Joint Secs. :</i> Prof. H. R. Dean, Dept. of Pathology, The University, Cambridge; Prof. J. H. Dible, British Post-Graduate Medical School, Ducane Road, W.12. Shepherds Bush 3797.	Meetings are held in pathological laboratories in different parts of the United Kingdom, usually twice a year in January and in July, at which communications on pathology and on bacteriology are made and discussed and demonstrations are given.
Public Dental Service Association of Great Britain Ltd.	15, Taviton Street, London, W.C.1. Euston, 4235.	The Public Dental Service Association of Great Britain, Ltd., was created primarily to protect the interests of the dental profession in all matters relating to National Health Insurance Dental Benefit. Its functions have extended to give additional services to members in the form of information and advice on all aspects of dental practice, insurance schemes, lending library, etc. A monthly periodical "The Dental Gazette" is published for circulation to all members.
Queen's Institute of District Nursing	<i>General Secretary :</i> Miss A. McMaster, 57, Lower Belgrave Street, London, S.W.1. Sloane 9948.	The Queen's Institute of District Nursing was incorporated by Royal Charter in 1889. It provides special training in district nursing for state registered nurses, and lays down and maintains the standard of service after training. Successful candidates are enrolled as Queen's Nurses and become eligible to work for member local health authorities or affiliated nursing associations.
Queen's Nurses Benevolent Fund	<i>Sec. and Accountant :</i> Miss E. Ivett. <i>Hon. Sec. :</i> Miss J. A. Breach, 6, Park Road, Tring, Herts. Tring 2133.	The object of the fund is to provide annuities for Queen's Nurses, who through permanent disablement are no longer able to carry on their work, and also to assist generally during periods of sickness. The amount of the annuity is dependent upon the position of the Fund and the circumstances of the applicants, and may be given permanently or temporarily at the discretion of the Committee, the maximum amount being £52 per annum. Grants for special needs may be given to annuitants and to nurses who have been members for three or more consecutive years.
Roffey Park Rehabilitation Centre	A. W. Lorimer, Horsham, Sussex. Faygate 204-5.	This centre was founded in 1945 by the National Council for the Rehabilitation of Industrial Workers for their employees by 180 of the leading industrial firms in Great Britain. Roffey Park provides psychiatric treatment for 120 neurosis cases of either sex and special attention is paid to placement on discharge. From experience gained from the treatment of over 4,000 cases, a post-graduate resident training department was opened in 1947 to disseminate information on industrial psychiatry in short courses to works and personnel managers, industrial medical officers and social workers, all of whom are concerned with these problems. In 1948 the Centre was designated as part of the St. Thomas's Teaching Group of Hospitals.
Royal Association in Aid of the Deaf and Dumb	G. W. Simes, 413, Oxford Street, London, W.1. Mayfair 3562.	To promote the spiritual, social and general welfare of the deaf and dumb of London, Middlesex, Surrey, Essex, and West Kent. Provides churches and Institutes, has 11 chaplains, 3 laymen and 7 lady workers. Has also home for deaf and dumb men which includes interpreting, placement, work, visiting, mental hospital visiting and work amongst blind-deaf in addition to services, clubs, etc. 6000 deaf and dumb in the area and over 200 blind-deaf.

Organisation	Secretary Address and Telephone	Objects
Royal British Nurse's Assoc iation	Miss I. Macdonald, 194, Queen's Gate, London, S.W.7. Kensington 0143.	An association of duly qualified nurses having various benevolent activities, incorporated by Royal Charter. There is a large club for nurses in connection with it. Meetings, conferences and lectures are held and also social gatherings are arranged. The official organ of the association is the Royal British Nurses' Association's Journal.
Royal College of Obstetricians and Gynaecologists	Miss W. E. Mallon, 58, Queen Anne Street, London, W.1. Welbeck 2281.	The College is incorporated by Royal Charter and its direct object is "the encouragement of the study and the advancement of the science and practice of obstetrics and gynaecology throughout the British Commonwealth". A diploma in obstetrics is offered. Courses of advanced lectures in obstetrics and gynaecology are conducted by the College, a museum is open to all who are interested in these subjects and there is a library, chiefly historical. From time to time the College conducts investigations into matters connected with its special branch
Royal College of Physicians of London	Registrar : H. E. A. Boldero, D.M., F.R.C.P., Pall Mall East, London, S.W.1. Whitehall 7701, 5089.	Since its foundation in 1518 the interests of the College have been in medical education and the maintenance of a high professional standard. Qualifying and post-graduate diplomas are granted jointly with the Royal College of Surgeons. Lectures are held and scholarships for medical research administered, including an investigation into tuberculosis. It is also concerned with representing the views of consultants and specialists and is often asked to advise the Government on medical problems. It is also responsible for the nomenclature of disease. Its valuable library is chiefly devoted to the history of medicine.
Royal College of Surgeons of England	K. Cassels, M.A., F.C.I.S., Royal College of Surgeons, Lincoln's Inn Fields, London, W.C.2. Holborn 3474.	To promote and encourage the study and practice of the art and science of surgery. To maintain Museums of anatomy and pathology, based on the Hunterian Collection and a reference library of over 100,000 volumes. Research into current surgical problems at the Bernhard Baron Laboratories in the College and the Buckston Browne Farm, Downe. Postgraduate education consisting of lectures and practical demonstrations for some 3,000 students annually, including limited residential accommodation. Advice to government departments on surgical subjects and representation on multifarious Committees.
Royal Institute of Public Health and Hygiene	H. H. Gerrans, F.C.I.S., 28, Portland Place, London, W.1. Langham 2731-2.	To promote the advancement of public health and of Hygiene in all its branches, especially personal, domestic and industrial hygiene. To aid, encourage and provide means for the study of public health preventive medicine and hygiene. To conduct courses of instruction for candidates for the diploma in Public Health. To maintain chemical, bacteriological and serological laboratories. To conduct analyses and examinations. To protect the public against adulteration or advertisement under false descriptions of articles intended for human consumption or personal or domestic use.
Royal Medical Benevolent Fund	E. C. Pennefather, M.B.E., M.A. 1, Balliol House, Manor Fields, London, S.W.15. Putney 6128	The gratuitous relief by means of pecuniary or other assistance of necessitous persons who are, or have been members of the medical profession, their widows, wives or children. Pecuniary assistance is given in the form of single grants to meet temporary difficulties or illness, and regular maintenance grants for those in need. A limited number of annuities are granted to those over 60 years of age.
Royal Medical Society	Treasurer : W. A. Alexander, M.B., Ch.B., F.R.C.P.E. 7, Melbourne Place, Edinburgh, 1. Edinburgh 245741.	The Royal Medical Society of Edinburgh was founded in 1737, and is unique in that it is the only students' society holding a Royal Charter. It seeks to encourage the practice of medicine in all its forms, and to act as a forum in which medical experiences and information may be exchanged, and in which the art of debate may flourish.
Royal Medico-Psychological Association	Hon. General Sec. : K. K. Drury, M.C., M.D., D.P.M., 11, Chandos Street, Cavendish Square, London, W.1. Langham 1495	The Association is the chief medical organisation concerned with psychiatry in Great Britain. Activities include the arrangement of scientific and clinical meetings in London and the provinces as well as study tours abroad. The Association publishes the "Journal of Mental Science", the "Handbook for Mental Nurses", "Recent Progress in Psychiatry" and other publications.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
Royal National Pension Fund for Nurses	<i>Actuary and Secretary :</i> C. Carpmael, F.I.A., 15, Buckingham Street, Strand, London, W.C.2. Temple Bar 7334.	Established in 1887 to afford nurses a safe means, at minimum cost, of providing for their retirement. The Fund transacts all annuity business (deferred, immediate or last survivor); also life and endowment assurance. Membership open to nurses, chartered physiotherapists, radiographers, etc. and to all hospital officers of either sex.
Royal Sanitary Institute	J. W. Dudley Robinson, M.Sc., Ph.D., 90, Buckingham Palace Road, London, S.W.1. Sloane 5134.	The Institute was founded in 1876, its object being to promote the advancement of sanitary science in all or any of its branches, and the diffusion of knowledge relating thereto. The scope of the operations of the Institute extends over the whole of the subjects covered by such various terms as hygiene, public health, preventive medicine, social medicine, etc.
Royal Society of Medicine	G. R. Edwards, O.B.E., M.A., 1, Wimpole Street, London, W.1. Langham 2070.	“To cultivate and promote physic and surgery and the branches of science connected with them.” It has 24 sections, each concerned with a speciality or particular branch, and a membership of 9,000 in Great Britain and overseas. “Proceedings” resulting from meetings are published monthly. Library services are free to members. The Society plays an active part in cultural relations with other countries.
Royal Society of Tropical Medicine and Hygiene	Miss N. Hopper, Manson House, 26, Portland Place, London, W.1. Langham 2127.	The aims of the Society are specially directed to the stimulation of enquiry and research into the causes, treatment, and prevention of human and animal diseases in warm climates by facilitating the publication and discussion of original contributions and reports, by supplying necessary information to Fellows and by promoting social intercourse among scientific workers in all parts of the tropical world.
Royal Surgical Aid Society	H. G. Gorton, Salisbury Square, London, E.C.4. Central 4584.	The object of the Society is to provide surgical appliances of all descriptions, for any applicants otherwise unable to obtain them.
St. Dunstan's for Men and Women Blinded on War Service	W. G. Askew, O.B.E., 191, Marylebone Road, London, N.W.1. Paddington 5021.	The training, settlement, and life-long after-care of men and women of the armed forces and civil defence services blinded on war service. Training Centre : Ovingdean, Brighton, Sussex. Convalescent and Holiday Homes : Portland Place, Brighton, Sussex. Wimbourne Place, Blackpool, Lancs. Children's Home (the children of blinded ex-service men and women) : Northgate House, Rottingdean, Sussex. Hostels for Physiotherapy Students : 12 Park Crescent, London, W.1., Croxley House, Croxley Green, Herts.
St. John Ambulance Association	Capt. A. N. Cahusac, O.B.E., M.C., St. John's Gate, Clerkenwell, London, E.C.1. Clerkenwell 6644.	The instruction of persons in rendering First Aid in case of accident or sudden illness ; in the elementary principles and practice of nursing at home ; in the elementary principles of child welfare and in public and personal hygiene, certificates being awarded to those successful at examinations in these subjects ; and generally the promotion of works for the relief of the sick and suffering in peace and war irrespective of race, class or creed.
St. John Ambulance Brigade at Home	Major P. G. Darvil-Smith, C.B.E., 8, Grosvenor Crescent, London, S.W.1. Sloane 9861.	To afford holders of first aid certificates from the St. John Ambulance Association opportunities of meeting together for ambulance and nursing practice with the object of combining individual efforts for the public advantage. To render first aid to the sick and injured on public occasions, and to maintain in readiness for such duty a body of trained men and women so to act. To prepare such permanent organization during the time of of peace as may at once be available in time of emergency.
St. John Ambulance Brigade Overseas	G. F. Quilter, F.I.P.S., St. John's Gate, Clerkenwell, London, E.C.1. Clerkenwell 6644.	The St. John Ambulance Brigade Overseas is that part of the St. John Ambulance Brigade which operates in the Dominions and Colonies. The objects of the Brigade Overseas are the same as those of the Brigade at Home. Units of the Brigade Overseas are established in every Dominion and almost every Colony, and its strength in 1947 was 37,597 men ; 12,142 women ; 7,899 boys ; 6,180 girls—a total of 63,818.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
St. John of Jerusalem, The Grand Priory in the British Realm of the Venerable Order of the Hospital of	<p><i>Sec. General :</i> Brigadier W. B. G. Barne, C.B.E., D.S.O.,</p> <p><i>Sec. :</i> Major-General J. E. T. Younger, C.B., St. John's Gate, Clerkenwell, London, E.C.1. Clerkenwell 6644.</p>	To encourage and promote all works of humanity and charity for the relief of persons in sickness, distress, suffering and danger, without distinction of race, class or creed, and in the extension of the great principle of the Order embodied in the motto "Pro Utilitate Hominum". To maintain the St. John Ophthalmic Hospital at Jerusalem, the St. John Ambulance Association which undertakes the instruction of persons in (a) First Aid in cases of accident and sudden illness, and (b) the elementary principles of nursing and hygiene, especially those of a sick-room, and the St. John Ambulance Brigade (at home and overseas).
Scottish Council for Health Education	W. A. Morrison, 3, Castle Street, Edinburgh, 2. Edinburgh 20020.	The Scottish Council for Health Education, supported by and working in closest collaboration with the Scottish local authorities, has for its aim the dissemination of health knowledge among the general public at all ages, by publishing a large range of leaflets and booklets on health matters, by promoting health film-shows and lectures in cities and towns throughout Scotland, by organising health weeks and by conducting summer schools in health education.
Scottish Council of Social Service	A. M. Struthers, O.B.E., B.Sc., 10, Alva Street, Edinburgh, 2. Edinburgh 31852.	The Scottish Council of Social Service acts as a co-ordinating body for voluntary organisations in Scotland. It provides a common centre for mutual contact and co-operation between all voluntary organisations engaged in constructive social service in Scotland. Associated with the Council are the following committees: Scottish Village Halls Committee; Rural Industries Equipment Loan Fund Committee; Scottish Old People's Welfare Committee; Citizens' Advice Bureaux Advisory Committee; the Committee on the Welfare of the Disabled; the Scottish Women's Group on Public Welfare; Scottish Family Holidays Limited.
Scottish National Federation for the Welfare of the Blind	<p><i>Sec. and Treasurer :</i> J. Duncan MacDiarmid, J.P., M.A.B.L., 173A, Union Street, Aberdeen. Aberdeen 914.</p>	To promote the well-being, and to protect the interests of the blind in Scotland by the co-operation and mutual assistance of the various affiliated bodies, and to act as a medium for expressing the views of these affiliated bodies on matters affecting the well-being of the blind. The Federation does not, however, interfere with the administration or internal affairs of any of the affiliated organisations.
Shaftesbury Society	G. Franklin, John Kirk House, 32, John Street, London, W.C.1. Chancery 6937.	The Society was founded in 1844 as the Ragged School Union to provide for the spiritual, mental and physical needs of the poor children of the Greater London area and crippled children throughout Great Britain. The Society maintains 60 missions and youth centres in London, 6 residential schools for cripples, a holiday home for old age pensioners, a home for the babies (under five) of unmarried mothers, a convalescent home for babies under five, 3 holiday convalescent homes for children aged 7-11, and 4 holiday camps for children aged 11-16. Over 6,000 cripples in the Greater London area are visited and helped in their own homes.
Social Survey, The	Louis Moss, Director of Research, Montague Mansions, Crawford Street, Baker Street, London, W.1. Welbeck 4420.	The Social Survey is the Government sociological research unit. Its duties are to provide information needed by departments which cannot be obtained conveniently through the normal statistical apparatus. Consequently its scope is as wide as the interests of government departments. Amongst recent studies are: (a) monthly morbidity surveys (enquiries designed to produce statistical data on the incident of ill-health and the use of medical services. This "Survey of Sickness" is published by the Registrar General in his quarterly return) (b) the employment of pneumokoniotics: (c) recruitment to mining, agriculture, textiles, the services (studies of the social factors associated with the willingness to work in these industries). (d) consumer expenditure survey (studies of expenditure in different fields).
Socialist Medical Association	<p><i>Hon. Sec. :</i> D. E. Bunbury, M.B., M.R.C.P., D.P.M., 86, Rochester Row, London, S.W.1. Victoria 4962.</p>	The main object is to work for a socialised medical service, both preventive and curative; to secure for the people the highest possible standard of health and to enlist the support of the Labour movement in attaining this object; and to disseminate the principles of Socialism within the medical and allied Services. A monthly bulletin is sent to all members and there are various branches.

<i>Organisation</i>	<i>Secretary Address and Telephone</i>	<i>Objects</i>
Society of Apothecaries of London	<i>Registrar :</i> Ernest Busby, Apothecaries Hall, Blackfriars Lane, Queen Victoria Street, London, E.C.4. Central 1189.	Founded in 1617 by King James I, offers diploma of licentiate in medicine and surgery (L.M.S.S.A., Lond.) and Master of Midwifery (M.M.S.A.).
Society of Endocrinology.	S. J. Folley, D.Sc., Ph.D., The National Institute for Research in Dairying, Shinfield, Nr. Reading, Berkshire. Reading 83103.	To promote the advances of endocrinology by observational, experimental or clinical studies.
Society of Medical Officers of Health	G. L. C. Elliston, M.A., Tavistock House, South, Tavistock Square, London, W.C.1. Euston 3923.	To promote the advancement of public health and to diffuse knowledge relating thereto ; and to watch the interests of the public Health Service. Publishes a monthly journal, "Public Health".
Society of Public Analysts and other Analytical Chemists	J. H. Lane, B.Sc., F.R.I.C., 7-8, Idol Lane, London, E.C.3. Mansion House 6608.	The Society, founded in 1874 by Public Analysts, was incorporated under its present title in 1907 as a body for the study and furtherance of analytical chemistry in all its branches. It holds regular meetings and publishes a monthly journal, "The Analyst". It is not a qualifying body and membership is by election.
Society of Thoracic Surgeons of Great Britain and Ireland	O. S. Tubbs, F.R.C.S., c/o. The Hon. Secretary, 15, Upper Wimpole Street, London, W.1.	To study thoracic diseases, particularly from the surgical aspect.
Tavistock Institute of Human Relations	S. G. Gray, F.C.I.I., 2, Beaumont Street, London, W.1. Welbeck 5415.	To advance scientific knowledge of human affairs and to facilitate the application of such knowledge to the solution of practical problems. Its activities comprise therapeutic services to the community and research in family, educational, industrial and other fields. The basis of its work is medical, but it attempts to integrate all branches of social science.
Teaching Hospitals Association	<i>Joint Hon. Secs. :</i> B. Lees Read, F.H.A., A.C.A., Clerk to the Governors, Guy's Hospital, S.E.1. Hop 1086. F. J. Cable, F.H.A., secretary Manchester Royal Infirmary, Oxford Road, Manchester, 13. Ardwick 3300. John H. Young, Secretary, The Royal National Throat, Nose and Ear Hospital, Gray's Inn Road, W.C.1. Terminus 4311.	To provide means for the exchange of views and information and the discussion of matters of mutual concern amongst all designated teaching hospitals ; to provide machinery whereby the collective view and advice of all designated teaching hospitals can be made available, when desired, to the Ministry of Health or, in appropriate cases, outside bodies ; generally to keep under review all matters affecting the interests of teaching hospitals.
Village Centres for Curative Treatment and Training Council	<i>Medical Director :</i> R. R. Trail, M.C., M.A., M.D., F.R.C.P., 16, Grosvenor Place, London, S.W.1. Sloane 2115.	To administrate Enham-Alamein Village Centre, Nr. Andover, Hants, which exists for the comprehensive rehabilitation of those disabled in war and industry. This is achieved by the provision of medical treatment, coupled with suitable industrial training in its own workshops ; those becoming settlers are offered permanent employment under medically-protected conditions, and cottage homes for themselves and their families. The Centre meets its own running expenses, but seeks charitable support for capital development.
Wales and Monmouthshire Regional Council for the Blind	Mrs. Ethel Rawden (University Diploma Economics) Southerndown Rest for Blind, Nr. Bridgend, Glamorgan. Southerndown 52.	To maintain the Central Register of Blind and Partially Blind Persons, and through a comprehensive network of welfare officers, voluntary agencies, etc., to arrange for all types of welfare services. To collect and circulate information helpful to those so registered and the agents or others concerned. Generally to assist local authorities, etc. when required.
Women's Voluntary Services	41, Tothill Street, London, S.W.1 Whitehall 7383	To undertake if requested any work (other than nursing) in hospitals which will help the staff and/or patients. This includes the following :—Running of out-patients canteens ; shopping services for patients ; escorting to and from hospital ; providing relief for telephonists and secretarial help and similar activities.

REFERENCE INFORMATION

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HOSPITAL ADMINISTRATOR

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REFERENCE INFORMATION

for the Hospital Administrator

I – TECHNICAL AND GENERAL

ACOUSTIC TREATMENT

There are two units of noise measurement, the phon and the decibel, both of which are required to state the results of measurement, but both of which, for the purposes of the layman, can often be considered almost as equivalents over a wide range of frequencies. Five phons or five decibels is about the minimum

EQUIVALENT LOUDNESS OF OUTDOOR NOISE*

Type of Noise or Locality	Equivalent Loudness (phons)
Threshold of painful sound	130
Roads—	
Arterial roads	100
Sub-arterial roads ..	90
Local road (shopping) ..	70
Local road (residential) ..	40
Some Typical Noises and Values—	
Aero-engine, 20 ft. distant	120
Pneumatic drill, 10 ft. distant	100
Tram	90
Motor-bus (inside noise) ..	70
Quiet suburban garden ..	30

AVERAGE LOUDNESS OF SOME COMMON AIR-BORNE NOISES*

Noise	Equivalent Loudness (phons)
Loud wireless	80-90
Average wireless	65-80
Soft wireless	50-65
Conversation—normal ..	Up to 65
Conversation—quiet ..	Up to 45
Typing and tabulating—noisy office	Up to 80

*Post-War Building Study No. 14 *Sound Insulation and Acoustics*. Tables reprinted by permission of H.M. Stationery Office.

change, either deterioration or improvement which is significant in practice.

The scales of ordinary noises, given in phons, are set out in the left hand column and a scale of suggested standards of quiet, below.

SUGGESTED STANDARDS OF QUIET*

Occupancy	Loudness (phons)
Study or sleeping	15
Reading or writing	20
Boardroom	30
Sedentary office work ..	35
Quiet conversation	
Average office, telephone work and restaurant ..	40
Noisy office	60

Noises fall into two categories, airborne noise, conversation and the wireless, and contact noise, footsteps, the movement of furniture and the noise of equipment fixed to the structure of the building. Modern building construction, with its ferro-concrete structure, innumerable pipes and ducts and smooth reflective materials tends to become a sound box if adequate preventive measures are not taken.

Sound Insulation in Existing Buildings

Hospitals in towns offer two problems, the reduction of internal and external noise. The table above giving standards of quiet suggests that in hospitals intruding noises should be reduced to 15-20 phons. The planting of trees and tall hedges as noise screens should not be overlooked as they absorb an appreciable amount of traffic noise.

Outdoor Noise and Treatment of Windows

Regarding insulation against outside noises it is generally found that the windows of a building are less insulating than the walls. The method of ventilation is the limiting factor, for if no provision is made for cross ventilation, then it will often be necessary for the windows to be left wide open with little or no insulating effect. If cross ventilation is the system used, the difference in pressure on the two sides of a building encourages the circulation of the air even if the windows are only slightly open.

Artificial ventilation and air conditioning naturally allow full advantage to be taken of insulating measures.

Type of Window*	Average Sound Reduction decibels*
21 oz. glass	28
Double 21 oz. glass—	
$\frac{1}{2}$ " spacing	38
1" "	42
2" "	46
5" "	49
8" "	53
(Best effects in low or medium frequencies, good for traffic)	
$\frac{1}{4}$ " plate glass	35
Double $\frac{1}{4}$ " plate glass $5\frac{3}{4}$ " apart	58
Double $\frac{1}{4}$ " plate glass $5\frac{3}{4}$ " apart, interspace lined with absorbent	63 approx.

Internal sound absorption is also an important point for on this depends the ultimate noisiness of a room. A well furnished office, for example, will provide 5 decibels of sound reduction with the windows wide open. A sparsely furnished office, however, will only give 3 decibels reduction compared with 15-20 decibels if there is adequate cross ventilation and the windows need not be left wide open. Hospitals are fairly bare of furniture and other methods of sound absorption must be attempted.

A good method of absorbing street noise is to place an absorbent on the ceiling above the window where the sound will strike it directly. Noise baffles can be used if there is cross ventilation and the flow of fresh air not impeded. Double windows can be successfully treated by lining the edges of the space between the windows with an absorbent of 1 inch thickness with the inlet for air placed at the top of the outer glass and the outlet into the room at the bottom. If fitted with louvres to deflect the sound this type of window will give good ventilation and about the same sound insulation as a closed window of single glazing.

Indoor Noise

Reduction at source is the first approach. Noisy typewriters should not be used and quiet motors for hospital equipment should be chosen. The plumbing system should be selected with an eye on its silent qualities.

Doors

The sound of doors closing is a common impact noise. Apart from an efficient door stop, felt or rubber can be set as a continuous beading in the rebate against which the door comes to rest. This has the added advantage

of making a better closure and thereby cutting off airborne sound from travelling into adjacent rooms.

Walls and Ceilings

Absorbent materials on the walls and ceilings will also reduce airborne noise. There are several varieties of these acoustic tiles and plasters available but the detailed choice must be left to an expert consultant. Generally treatment of the ceiling only is adequate for most parts of the hospital.

Floors

Great attention should be paid to the flooring materials in corridors and other portions of the hospital taking a heavy traffic. If corridors do not have a good resilient flooring they tend to act as sound boxes aggravating the trouble by sustaining the sound of footsteps and reflecting the sound from wall, floor and ceiling. Consequently the usual hard floorings, terrazzo and tile, are bad from the point of view of impact noise reduction.

A scale of sound reduction giving a variety of resilient materials laid on bare concrete is given below :

Material	Reduction in phons
$\frac{1}{8}$ " lino	5
$\frac{1}{8}$ " lino on roofing felt	5
Wood blocks	5-10
Thin rubber carpet	5-10
$\frac{1}{8}$ " carpet on $\frac{1}{8}$ " underfelt	10
$\frac{1}{4}$ " hard rubber cork composition	10
$\frac{1}{8}$ " sheet rubber on $\frac{1}{4}$ " sponge rubber	20

References

- Post-War Building Study No. 14 *Sound Insulation and Acoustics* (H.M.S.O.) 1944.
Some Notes on Reducing Noise in the Hospital. THE HOSPITAL, p. 195. May, 1946.
Means of Minimising Hospital Noise. HOSPITALS (U.S.A.), p. 48. Oct., 1945.
Sound Proofing. THE HOSPITAL, p. 231. May, 1948.

AIR CONDITIONING

(See under *Heating*, also under *Ventilation*)

APPOINTMENT SYSTEM FOR OUT-PATIENTS

There are many advantages accruing from an efficient appointment system for out-patients. It saves the hospital a great deal of extra work and space and avoids overcrowded clinics by

*Post-War Building Study No. 14 *Sound Insulation and Acoustics*. Tables reprinted by permission of H.M. Stationery Office.

spreading the work evenly over the day. Records staff can look out the patients' folders, and any extra reports on X-rays obtained which may be needed before the clinic opens. An appointments system will show up which clinics are overcrowded and also will facilitate a steady flow of work to ancillary departments. Added to the above advantages from the hospitals' point of view is the primary consideration of the convenience of an appointment system to the patient and his employer in saving time and trouble.

Details of a method of operating an appointment system are given in Memorandum No. 180 issued by the former Central Bureau of Hospital Information.

References :—

Appointment System for Out-Patients. Memorandum No. 180. The Central Bureau of Hospital Information (out of print).
Some Observations on Hospital Admissions and Records. King Edward's Hospital Fund for London, 10, Old Jewry, London, E.C.2.

ARTIFICIAL LIGHTING

(See also *Electrical Installations* and for *Emergency Lighting* see under that head)

(The following notes have been compiled from information kindly supplied by the Lighting Service Bureau, 2, Savoy Hill, London, W.C.2.)

Definitions

Lumen—the unit of light flux. The total amount of light falling on or intercepted by a surface of one square foot every part of which is at one foot distance from a uniform point source of one candle. The total flux emitted from a uniform light source of one candle power is 12.57 lumens.

Candle—the unit of luminous intensity in a given direction from a point source.

Foot-candle—the unit of illumination, the degree to which a surface is illuminated is measured in lumens/sq. ft. or foot candles. One lumen will light a surface of one square foot to an average illumination of one foot candle.

Brightness—the candle power per unit projected area of the surface in the direction of vision (the apparent area as seen from that direction). The most convenient units to employ depend on whether the surface is self-luminous or not. The candle per square inch and lambert are commonly used for most modern light sources and the foot lambert and milli-lambert for ordinary illuminated surfaces.

- 1 lambert=1 lumen per sq. cm. reflected or emitted.
- 1 foot lambert=1 lumen per sq. ft. reflected or emitted.

Lighting Requirements for Hospitals and other Data

A chart giving the average lumens per sq. ft. recommended for various hospital departments will be found on the following page. Tables showing the lumen output and other information regarding standard tungsten lamps and tubular fluorescent lamps together with the

approximate transmission factors of a variety of glasses and plastics are also given on the same page.

Interior Decorations and Resultant Illumination

The way the walls and ceilings are coloured and finished considerably influences the degree of ultimate illumination. If the reflection factors of the walls and ceiling are high then necessarily the working area is better illuminated ; it is desirable therefore to use light pastel shades for decoration, matt or eggshell finishes are preferable to glossy.

TABLE OF PERCENTAGE REFLECTION OF VARIOUS SURFACE MATERIALS

Materials	Percentage reflection factor approx.
Paint	
White glossy	78
Portland stone (standard colour 64)	62
Light stone (standard colour 61)	58
Middle stone (standard colour 62)	37
Turquoise blue (standard colour 2)	15
Dark battleship grey (standard colour 32)	11
Miscellaneous	
Mirrors	90
White paper	84
White tile glossy	80
Concrete unpainted	45
Yellow brick	35
Red brick	25
Woods	
White pine	61
Poplar	47
Plain deal	45
Red oak	32
Plaster	
Plaster, matt white	70
„ board	60

Relative Costs of Tungsten and Fluorescent Lighting

The following is the method used by the Lighting Service Bureau, 2, Savoy Hill, London, W.C.2, to demonstrate the relative annual operating costs of tungsten and fluorescent lighting. The following factors need to be taken into consideration.

- (1) Replacement cost of lamps ;
- (2) Depreciation allowance for fittings and, in the case of fluorescent or electric discharge lamps, control gear ; usual assessment 10% of the capital cost.
- (3) Wattage consumed.
- (4) Number of operating hours per year ;
- (5) The cost of electric current including kilowatt and outstanding charges where applicable.

If installation and maintenance charges are taken as being substantially equal the following

(Continued on p. 705)

ARTIFICIAL LIGHTING—DATA

ILLUMINATION-FOOT CANDLE RECOMMENDATION
FOR HOSPITAL INTERIORS

PEARL AND CLEAR STANDARD TUNGSTEN LAMPS

Unit of Hospital	Average lumens/sq. ft. or candles recommended	Watts		Minimum average lumens through- out life		
				at 110v.	at 230 v.	
					single coil	Coiled coil
Wards	3					
Waiting rooms	7					
Corridors	3					
Operating table	300 } special lighting	Pearl	15	133	113	—
			25	228	206	—
			40	449	330	389
Operating theatre	30		60	759	584	665
Laboratories	20		75	1,000	785	883
General Offices	20		100	1,400	1,160	1,270
Private Offices	15		150	2,230	1,970	—
Typing and Book-keeping..	20	Clear	200	3,090	2,725	—
Filing rooms	20		300	4,950	4,430	—
			500	8,950	7,930	—
			750	14,270	12,740	—
			1,000	19,640	17,800	—
			1,500	30,220	28,380	—

The values given above are service values of average illumination given by the Lighting Service Bureau and agree with those published by the Illuminating Engineering Society.

TUBULAR FLUORESCENT LAMPS

Wattage	Dimensions	Average Lumen output throughout life	Colours
80	60" × 1½"	3040	} Daylight Warm white Natural*
40	48" × 1½"	1720	
30	36" × 1"	1200	
40	24" × 1½"	1160	} Warm white and Natural
*20	24" × 1½"	620	
*15	18" × 1"	420	
Lumen output from Natural lamps is			approximately 10% less.

*Normally operated 2 in series on 200/250 V. supply.

TRANSMISSION FACTORS—GLASS AND PLASTICS

	Class of Transmission					Appr. Range of Transmission Factors
Clear glass	Direct	..	..	..	..	80-90
Glass (acid etched)	Partially diffuse	..	..	..	..	62-87
Glass (clear configurated) .. .. .	"	"	..	..	..	67-87
Plastic, clear matt .. .. .	"	"	..	..	..	60-80
Flashed opal glass	Diffuse	..	..	..	..	30-60
Pot opal glass .. .. .	"	..	..	..	..	12-40
White plastic (diffuse) .. .. .	"	..	..	..	..	0-60

(continued from p. 703)

is a convenient formula for comparing the annual costs of the tungsten and fluorescent schemes.

$$C = \frac{L}{W} + \frac{A}{Wh}$$

Where, C=The cost of current in pence per unit at which the two installations under comparison will have the same annual cost

L=Excess replacement costs per 1,000 hours of lamps in pence.

Relative to Fluorescent { W=Saving in wattage consumed
A=Excess of annual amortization charges in pence.
h=Thousands of operating hours per annum.

If it is desired to take into account a kilowatt charge then the formula becomes :

$$C = \frac{L}{W} + \frac{A}{Wh} + \frac{K}{1000h} \text{ where } K = \text{the tariff rate of kilowatt charge in pence.}$$

EXAMPLE

For equal resultant illumination in a typical large interior considering the use of Tungsten Industrial Diffusing Fittings or Fluorescent Trough Reflectors. For every 7 tungsten fittings used only 6 fluorescent would be needed.

Lamp Replacement Costs per 1000 hours
200 watt tungsten = 7 × 5/5 = 455 pence
80 watt fluorescent = 6 × 19/6 = 468 pence

Thus L=468 – 455=13 pence/1000 hours

Wattage Consumed
Tungsten=7 × 200=1400
Fluorescent=6 × 90*=540
Thus W=860 watts

* Including watts lost in control year.
Annual Amortization Charges
10 % of cost of 7—200 watt Industrial Diffusers at £3 15s. 0d. each = 630 pence
10% of cost of 6—80 watt Fluorescent Troughs at £10 each =1440 pence

Thus A=1440 – 630=810 pence
Applying the above formula for 1000 hours operation per year.

$$C = \frac{13}{860} + \frac{810}{860} = 0.96d. \text{ per unit (equal costs)}$$

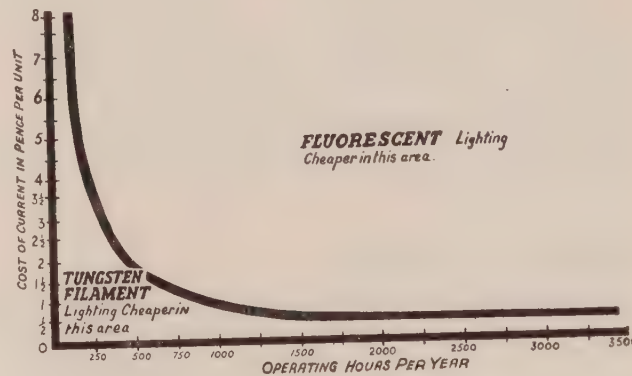
With 2000 hours operation per year
 $C = \frac{13}{860} + \frac{810}{860 \times 2} = .487d. \text{ per unit (equal costs)}$

With 500 hours operation per year
 $C = \frac{13}{860} + \frac{810 \times 2}{860} = 1.9d. \text{ per unit (equal costs)}$

Higher KWh charges than the critical ones determined will in each mean that fluorescent lighting is cheaper. By turning the formula round the number of operating hours per year for a given unit charge, at which the costs will be equal can be found. Longer operating hours than this critical one will again result in fluorescent lighting being cheaper.

ECONOMICS OF TUNGSTEN FILAMENT VERSUS FLUORESCENT LAMPS
(for equal light output ignoring capital cost of fittings).

N.B.—The following graph relates to an 80 w. fluorescent lamp with control gear but without fitting and to a 200 w. incandescent lamp also without fitting. The amortization period is ten years. (1948 prices).



References :

Electric Illumination Handbook, No. 2: *Interior Lighting Design*.
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BEDS

The four main considerations to be taken into account when selecting beds for the hospital are comfort, strength, hygiene and cost. In the past comfort has been given less consideration than it deserves, particularly when it is remembered that estimates made a few years ago put the cost of bedsteads as low as 0.1 per cent. of the total cost of hospital building and equipment.

The Hospital Bed

The type of bed most widely adopted in general wards is the backrest bedstead of three feet in width. In the interests of hygiene the frame should be of welded tubular construction, the headend and footend bows being of 1½ inch tube. The bed should be easily adjustable and movable and dust proof. The minimum amount of tubing, always allowing for uprights in the footend to prevent the mattress from slipping through is an asset. Backrests where provided should be incorporated in the head bow and fitted with a locking device to prevent slipping when in use. If pole fittings are incorporated they should be fitted with a stop to prevent

rotation through more than half a circle in order to obviate swinging against the wall.

Each leg of the headend should be fitted on a complete ball race swivel with castors of not less than 4 in. diameter. Vulcanised rubber tyres are suitable for ordinary types of flooring. With rubber floors, however, hard composition or hardwood wheels should be substituted. The footend should be fitted with a wheeling device which does not require undue exertion on the part of the operator to bring the wheels into action.

The finish should be carried out in best quality stoving enamel. In recent years there has been a trend away from black, and aluminium finish is now more widely used.

A British Standard covering hospital bedsteads is in course of preparation by the British Standards Institution.

Spring Mattresses

To fit the head and footends of the above type of bedstead a spring mattress and frame 6 ft. 6 in. × 3 ft. will be required. There should be not fewer than 16 springs at each end in the 3 ft. wide frame. All links and hooks in the mesh should be sufficiently closed to prevent their becoming detached on removal of tension and should not provide any projections which might damage an overlay.

A British Standard covering diamond mesh and spiral spring mattresses is in course of preparation by the British Standards Institution.

Overlay Mattresses

Until recently a good pattern hair mattress has been standard but the internal spring mattress, or similar rubber centred types where each part yields directly to the pressure applied to it, are becoming more widely used in hospitals. Internal springs should be rust-proofed so that they stand up to sterilisation processes.

Special Bedsteads

There are many types of special bedsteads on the market for treating special cases. A point to be borne in mind with "Fowler Position" bedsteads is to ensure that this type of bedstead, which was originally intended for recovery after abdominal operations, really does give a true "Fowler Position." This type of bed has a wide application for general nursing as the patient can be brought into a sitting position with the minimum of effort and strain and nursing is thereby facilitated.

With regard to fracture bedsteads the main problem is mechanical. A device is therefore needed for applying more than one force to each of one or more limbs of the patient with a full range of adjustment both for direction and magnitude. Such forces need to be balanced because the patient's body, owing to small movements, will tend to travel in the direction of any force however small. For treatments of the lower limbs some method of raising the foot of the bed would therefore appear essential. Several types of fracture beds are available. All bedsteads for fracture treatment have other uses and in general are adapted for any cases needing extension, abduction, suspension or immobilisation of the limbs or trunk.

(For suppliers of Beds and Bedding see under the appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863.)

References :—

Hospital Bedsteads, by W. H. Newman. THE HOSPITAL, p. 62. Mar., 1940.

Hospital Bedsteads. THE HOSPITAL, p. 55. Mar. 1941.

Hospital Beds. THE HOSPITAL, p. 73. Feb., 1946.

BOILERS

(See under *Fuels and Water Softening*)

CATERING

(Contributed by a Catering Officer)

Buying

Except in the largest of hospitals all buying of commodities and equipment to be used in the catering section should preferably come under the direct aegis of the catering officer. Where buying is a full-time job every order must bear his approval for it is only in this way that he can keep in touch with market trends, etc. To ensure that the quality, variety and price of his requirements are satisfactory, it is imperative that he should interview personally all travellers, for by personal contact much more can be achieved than by the forwarding of formal orders and enquiries. The contract method, which is so prevalent among hospitals, is a system to be abhorred. Although it provides an easy method of obtaining requirements, after the initial preliminaries have been finalised, it prohibits taking advantage of seasonal changes, and it has been found that when contractors are supplying at a fixed price quality suffers and the "individual touch" is sadly lacking. The scope of buying is limited to a considerable extent under present conditions, but there still remains a wide field for the buyer to utilise his capabilities to the full.

Provisions

The bulk buying of provisions can effect considerable economies, but care must be taken that suitable storage is available, that too large a quantity is not ordered and that commodities are utilised in the order of delivery. By direct purchase from manufacturers of biscuits, jams, cereals, etc., the financial advantage gained is considerable, but it must be borne in mind that by having several suppliers of similar commodities the keenest prices are obtainable comparable with quality. Where it is inconvenient to deal directly with manufacturers or importers, recourse should be made to wholesalers of which it is advisable to have two, three or four for each particular type of foodstuff.

Bulk purchase of tea should be no haphazard operation, and prior to purchase a good blender's advice should be sought as to a blend suitable for use with the local water.

Some items do not lend themselves to bulk buying, among which may be listed cooking fats, margarine, butter and bacon, and these should be bought as required with no more than a day or two's supply in store. These last mentioned commodities which are not suitable

for bulk buying should be stored in a cool dark room.

Coffee should only be purchased in small quantities and ground for use daily. It might be opportune to mention that the general standard of coffee-making throughout hospitals leaves much room for improvement.

It is an advantage to have separate stores for service and bulk storage and these should be situated on the north side of the building away from all heating apparatus and kept at an even temperature. On arrival all provisions, after checking and weighing, should be placed immediately into the bulk store, and when required for service, should be drawn therefrom, thus maintaining complete control and visual stock-taking.

Fish

The practice of buying fish direct from the coast presents many difficulties, among which is that of ensuring that the requisite type is received and delivery completed in accordance with schedule. It has been found more satisfactory to purchase from local sources on a day-to-day basis, thus taking advantage of the normal price fluctuations initiated by the law of supply and demand. It is false economy to concentrate on the cheap varieties, such as cod, for it will be found that if turbot sole, lobster, red mullet, trout, etc., are provided, the initial cost, although higher, is recompensed by the resultant lower wastage factor and the raising of catering standard.

Meat

Only by daily contact with the butcher can meat supplies be kept at a high standard. On the catering officer's knowledge and experience depends the production of well-balanced menus, for in conjunction with an experienced larder cook a variety of meat dishes can be made available from the small ration at present allowed. Theoretical knowledge cannot take the place of practical experience in the buying of meat. Offal and poultry offer ways of supplementing the meat supply, but as poultry is used predominantly for special diets, the source of many popular dishes is lost. It will be found, however, that if care and intelligence are used when providing poultry, the price per portion of this welcome addition to the menu is not prohibitive. For stock purposes, a constant supply of fresh beef bones is a matter of importance.

Crockery, Cutlery and Glassware

Purchases of the above should be made direct from manufacturers in all cases and the number of patterns should be kept to a minimum, thus entailing the holding of smaller stocks. Mainly due to its appearance, the use of earthenware has been found unsatisfactory and wherever possible good glazed china should be used, but this should be withdrawn immediately when chipped or cracked. The use of plastics is gaining popularity and many types compare favourably with china both in price and appearance. Tumblers made of toughened glass have many advantages over the normal type in length of service, but care should be taken when selecting the design.

The purchase of good quality cutlery is an economy, for its life is long and its appearance

well repays the additional expense. Knives should have bone handles and all cutlery should be die-stamped with the name of the hospital, this latter having a deterrent effect on pilferage. To present an attractive appearance both tables and trays must carry a full range of cutlery and the use of meat knives for several purposes is one to be frowned upon. Stocks carried should consist of :—

Soup spoons	Small and butter knives
Dessert spoons	Fish knives
Tea spoons	Large forks
Mustard spoons	Dessert forks
Meat or large knives	Fish forks

The selection of condiment sets is a controversial point but the screw-topped glass types have many advantages and lead undoubtedly in the matter of appearance. In addition to the usual run of plates, etc., an item which has come to the fore in recent times is the stainless steel ice cup, the life of which continues *ad infinitum*. It has many uses for individual trifle, ices, coupes, jellies, etc., and adds considerably to their appeal.

Cooking utensils such as saucepans and stew-pans should be made of tinned copper, but these should be inspected regularly and re-tinned when required. Stainless steel is a comparative newcomer to the kitchen and has many uses for such items as basins, bowls, trays and pie dishes.

Enamel utensils should not be used under any condition in the kitchens as they chip readily, whilst aluminium vessels have lost a great deal of their popularity through their tendency to discolour badly when in contact with soda water.

Menu Planning

The objects of menu planning are to provide meals that are appetising, satisfying and nutritionally adequate. All too frequently hospital menus are monotonous and show little or no imagination, one of the chief reasons for this being the adoption of a rigid system of menu planning. Opinions differ as to how far ahead meals should be devised but under normal conditions there appears to be no reason why they should be arranged more than 24 hours beforehand. The most convenient time to do this is during the day's tour of the kitchen by the catering officer and his *chef de cuisine*.

All menus should provide variety and colour and the old idea of "stew on Monday" etc. is a thing of the past. Wherever possible the principal meal of the day should consist of three courses and a choice of three or four main dishes and the same number of sweet dishes. This is not always possible for patients owing to the transportation problems involved, and great thought is required to maintain a number of choices despite this handicap.

"Luncheon" and "dinner" menus should consist of soup or hors d'oeuvres, a substantial main dish of either meat or fish, followed by a sweet. Advantage should be taken of seasonal foods to provide salads and raw fruit in addition to the main menu. A comparatively recent innovation which should not be neglected is the foodstuffs prepared by the "Quick Frozen" method. This opens up a new field in menu

(Continued on p. 711)

TABLE OF NUTRITIVE VALUE OF FOODSTUFFS.

(Reproduced by permission from the *Second Memorandum on Hospital Diet*, King Edward's Hospital Fund for London)
ALL VALUES ARE GIVEN PER OUNCE OF EDIBLE PORTION (UNCOOKED)

The values in this table have been compiled, after consultation with the Ministry of Food, from data which is used by them for calculating the Nutritive value of meals

FOODSTUFF	Description	Per-centage Waste	Protein gms.	Fat gms.	Carbo-hydrate gms.	Calories	Calcium mgs.	Iron mgs.	Vitamins					
									A I.U.	B1 I.U.	B2 Riboflavin mgs.	Nicotinic Acid mgs.	C Ascorbic Acid. mgs	D I.U.
1. <i>Cereals</i>	80% extraction 80% extraction 1. Plain (water) .. 2. Sweet		2.4 3.4 3.4 2.0 2.2 0.2	0.3 0.4 0.9 6.8 0.5 0.1	14.7 20.3 21.3 16.8 20.8 24.4	71 98 107 136 97 99	16.8 23.4 23.0 14.0 3.0 11.0	0.34 0.45 0.6 0.3 0.2 0.1	0 0 0 0 0 0	14 23 12 6 11 0	0.017 0.24 (0.03) (0.03) (0.01) (0.02)	0.33 0.45 (0.3) (0.3) (0.7) (0.3)	0 0 0 0 0 0	0 0 0 0 0 0
	Cornflour Custard powder (as corn- flour) Sago Semolina Soya flour Tapioca Cornflakes Shredded Wheat Oatmeal Rice, highly milled		0.2 0.1 3.0 11.5 0.1 3.9 3.5 3.4 1.8	0.1 0.1 0.5 6.7 0.7 0.7 2.5 0.3	24.4 24.0 19.8 3.8 24.3 18.7 19.1 18.6 22.2	99 97 96 122 98 97 97 111 99	11.0 3.0 5.0 62.0 2.0 2.0 10.0 7.0 16.0 1.0	0.1 0.3 0.30 2.0 0.1 1.4 1.2 1.2 0.1	0 0 0 0 0 0 0 0 0 0	0 0 9 62 0 0 4 19 43 8	(0.02) — (0.01) 0.09 — — 0.02 (0.02) 0.04 0.02	(0.3) — (0.3) 1.1 — — 0.3 (0.3) 0.3 0.3	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0
2. <i>Dairy Products</i>	Cheddar Raw or boiled Fresh Condensed unsw. U.K. Dried Dried	5 12 (shell)	0.1 7.1 3.5 13.0 0.9	23.4 9.8 3.3 11.9 1.0	0 0 0.2 0.9 1.2	211 117 45 163 17	4 230 17 62 34	— 0.2 0.8 3.1 Trace	1136 369 284 852 {*} +}	0 3 14 38 4	0 0.14 0.11 0.37 0.04	0 (0.1) tr. 0.1 tr.	0 0 0 0 {0.4} {0.3}	17 10 17 68 0.3
	Milk, whole Milk, whole Milk, whole Milk, skimmed		2.4 7.3 10.2	2.6 7.6 0.2	3.3 10.1 13.6	46 133 97	83 254 348	0.1 0.2 0.3	105 304 9	6 28 37	0.10 0.33 0.45	0.1 0.2 0.3	0 0 0	1 3 0
3. <i>Fats and oils</i>	Margarine Cooking fat		0	24.2 28.1	0 0	218 253	1 0	0.1 0	568 0	0 0	0 0	0 0	0 0	56 0
4. <i>Meat</i>	Bacon Beef	12 17 (Bone)	3.2 4.3	12.7 8.0	0 0	127 89	3 2	0.3 1.1	0 14	57 8	0.06 0.07	1.2 1.3	0 0	0 0

NUTRITIVE VALUE OF FOODSTUFFS—cont.

FOODSTUFF		Description	Per-centage Waste	Protein gms.	Fat gms.	Carbo-hydrate gms.	Calories	Calcium mgs.	Iron mgs.	A I.U.	B1 I.U.	B2 Riboflavin mgs.	Nicotinic Acid mgs.	C Ascorbic Acid mgs.	D I.U.		
5.	Fish	Frozen	..	5.8	2.1	0	43	2.3	1.05	14	7	0.07	1.3	0	0		
		Beef	..	7.1	4.5	0	69	3	3.1	0	0	(0.04)	(0.5)	0	0		
		Beef, corned	..	4.8	1.7	1.4	40	3	3.9	4260	38	0.85	3.8	0	0		
		Liver, ox	..	4.5	2.0	0	36	3	3.8	284	23	0.37	3.8	0	0		
		Kidney	..	3.4	11.4	0	116	4	0.4	0	68	(0.06)	1.7	0	0		
		Pork	..	3.3	3.7	3.7	61	9	0.6	3	14	(0.02)	(0.5)	0	0		
		Sausage	..	2.6	12.2	0.3	121	3	0.6	0	43	(0.02)	(0.5)	0	0		
		Sausage	..	3.7	8.8	0	94	2	0.6	14	15	0.05	1.2	0	0		
		Mutton	..	4.3	6.0	0	71	3	0.6	0	43	—	—	—	—		
		Variety meats (Average) Spam, etc.	..	4.5	0.1	0	20	7	0.3	0	6	0.04	0.6	0	0		
5.	Fish	Cod, haddock, ling, etc.	45	5.7	2.8	0	48	85	0.4	71	11	0.06	1.8	0	170		
		Tinned	..	5.7	6.8	0	84	114	1.1	77	0	(0.08)	1.3	0	280		
		Tinned	..	4.5	4.3	0	57	28	0.4	43	1	—	—	0	240		
		Fresh	..	4.5	2.3	0	39	28	0.4	43	1	—	—	0	—		
		Canned in tomato sauce	..	4.5	2.8	0	43	28	0.4	9	0	(0.08)	(1.0)	0	50		
		6.	Fruit	English eating	20	0.1	0	3.0	12	1	0.1	4	4	tr.	0.1	1	0
				Dried	..	0.6	0	12.5	52	9	0.6	9	0	(0.01)	(0.4)	0	0
				Fresh	..	0.2	0	1.7	8	5	0.1	71	3	0.02	(0.1)	3	0
				Tinned	..	0.1	0	3.5	14	4	0.1	47	2	(0.02)	(0.1)	1	0
				Dried	..	1.4	0	11.1	50	26	1.2	473	0	(0.12)	(0.6)	0	0
Apricot	..			0.3	0	5.0	21	2	0.2	8	5	0.01	(0.2)	3	0		
Banana	..			0.3	0	1.7	8	17	0.4	9	4	(0.01)	(0.1)	0	0		
Currents, black	..			0.6	0	16.4	68	19	0.5	9	0	0.01	(0.1)	0	0		
Dates	..			1.0	0	13.5	58	81	1.2	9	0	0.08	0.5	0	0		
Figs	..			0.1	0	0.4	2	2	—	0	3	0	0	0	0		
Lemon	..			0.3	0	2.1	10	12	0.1	28	7	0.01	0.1	0	0		
Orange	..			0.1	0	2.3	10	1	0.1	71	2	0	0.2	0	0		
Peach	..			0.1	0	3.9	16	2	0.2	47	1	0	0	0	0		
Peach	..			0.1	0	2.7	11	1	0.1	1	2	0.01	0.1	1	0		
Pear	..			0.1	0	3.6	15	3	0.2	0	1	(0.01)	0	0	0		
Pear	..			0.1	0	4.9	20	3	0.2	6	5	(0.02)	0	3	0		
Pineapple	..			0.1	0	1.6	7	4	0.1	38	4	0.01	0.2	1	0		
Plum	..			0.1	0	2.4	10	3	0.8	237	0	0.04	0.6	0	0		
Prune	..			0.7	0	10.2	44	11	0.5	5	0	0.01	0.1	0	0		
Raisins	..			0.3	0	16.5	67	17	0.7	0	0	0.01	0.1	0	0		
7.	Nuts	Almonds	..	5.7	15.1	1.1	163	69	1.1	0	23	—	0.4	0	0		
		Groundnut	..	8.0	13.9	2.2	166	17	0.7	0	84	0.08	2.6	0	0		
		Peanut	..	3.6	14.6	1.3	151	17	0.7	0	28	—	(0.4)	0	0		
		Walnuts	..														
			..														

NUTRITIVE VALUE OF FOODSTUFFS—cont.

FOODSTUFF	Description	Per-centage Waste	Protein gms.	Fat gms.	Carbo-hydrate gms.	Calories	Calcium mgs.	Iron mgs.	Vitamins						
									A I.U.	B1 I.U.	B2 Riboflavin mgs.	Nicotinic Acid mgs.	C Ascorbic Acid. mgs	D I.U.	
8. Vegetables															
Beans, baked	..		1.7	0	4.5	25	16	0.7	47	6	0.01	0.2	0	0	
Beans, haricot	..		6.1	0	11.6	71	51	1.9	0	43	0.08	0.6	0	0	
Cabbage ..	..	30	0.4	0	1.4	7	18	0.3	85	7	0.02	0.1	20	0	
Cabbage ..	Dehydrated		5.3	0.4	15.2	88	188	0.3	1130	0	(0.15)	(0.7)	90	0	
Carrot ..	Fresh	5 to 20	0.2	0	1.4	6	14	0.2	{* +}	6	0.01	0.2	3	0	
Carrot ..	Dehydrated		1.7	0.4	20.5	94	120	1.4	11600	0	(0.05)	(1.0)	6	0	
Cauliflower ..	Fresh	30	0.7	0	0.9	6	14	0.3	0	9	0.02	0.2	20	0	
Celery ..	/	25	0.3	0	0.3	2	15	0.2	0	3	—	—	1	0	
Artichokes, Jerusalem (boiled) (3)			0.5	tr.	0.8	5	8.6	0.12	—	—	—	—	—	—	
Lentils ..	Raw		6.8	0	13.6	82	11	2.2	5	43	0.02	0.9	0	0	
Lettuce ..	Bulb	20	0.3	0	0.5	3	7	0.2	379	7	0.02	0.1	4	0	
Onion ..	Fresh raw	5	0.3	0	1.3	6	9	0.1	0	3	0.01	tr.	3	0	
Peas ..	Dried	60	1.6	0	2.7	17	4	0.5	47	40	0.03	0.2	9	0	
Peas ..	early 7		7.0	0	14.2	85	17	1.3	19	43	0.08	0.6	0	0	
Potato ..	old 25		0.6	0	4.6	21	2	0.2	0	11	0.02	0.3	early old 9 2	0	
Potato ..	Dehydrated		2.5	0	23.0	101	24	0.9	0	27	(0.10)	(1.5)	12	0	
Pumpkin ..	Fresh	19	0.2	tr.	0.9	4	11	0.1	15	3	0.01	0.2	3	0	
Spinach ..	Raw..	25	0.8	0	0.7	6	20	0.9	1231	9	0.06	0.1	18	0	
Swedes ..	Fresh	35	0.3	0	1.1	6	16	0.10	—	3	(0.01)	(0.3)	11	0	
Tomato ..	Fresh	15	0.3	0	0.7	4	4	0.1	284	6	0.01	0.1	7	0	
Turnip ..	Fresh	35	0.2	0	1.0	5	17	0.1	0	3	0.01	0.3	7	0	
9. Sugar, preserves and sweets															
Jam (4)	White		0.1	0	17.6	71	3	0.3	2	tr.	0	0	1	0	
Marmalade ..	..		0.1	0	17.6	71	3	0	0	0	—	—	2	0	
Sugar ..	..		0	0	27.0	108	0	0	0	0	0	0	0	0	
Syrup, golden	..		0.1	0	20.2	81	7	0.4	0	0	0	0	0	0	
10. Beverages															
Cocoa ..	Powder		5.8	7.3	8.9	125	14	4.1	14	11	0.08	(0.3)	0	0	
Horlick's Malted Milk ..	..		4.1	2.4	18.1	110	77.2	0.37	—	—	—	—	0	0	
Marmite ..	..		2.8	0	0	11	22	1.5	0	140	1.70	19	0	0	
Meat Extract ..	..		8.6	0.6	0	41	22	3.7	0	25	0.48	17	0	0	
Ovaltine ..	Powder		3.8	2.2	15.8	98	96	1.0	114	37	0.17	—	0	0	

*. July-Aug. 947. † Sept. 1893

- (1) () means that the figure is calculated from a similar food or that a factor has been applied.
- (2) This includes roes and milts.
- (3) This vegetable contains inulin—50% total CHO taken to be available.
- (4) Black currant jam 6 mgs. Ascorbic Acid. Blackberry, Raspberry and Red currant jelly, 1 mgm. Ascorbic Acid. Gooseberry and Strawberry jam, 1 mgm. Ascorbic Acid. All other jams do not contain Ascorbic Acid.
- (5) — means that the figure is unknown.

(Menu Planning—Continued from page 707)

planning, and although the apparent cost is high this is to a large extent recompensed by the fact that there is no wastage. Much has been said on the nutritional side of menu planning, but it will be found in practice that if the chef preserves the natural colour, flavour and aroma, any intelligently planned menu will contain all that is required for persons on a

normal diet without recourse to analysis by a dietitian.

Service

However well-planned and cooked meals may be, inefficient service will reduce palatability and nutritive value. The ideal is to have the kitchen, service and dining-rooms in one unit, a factor which has been sadly lacking in the

(Continued on p. 714)

RECOMMENDED DAILY DIETARY ALLOWANCES

Revised 1948

Food and Nutrition Board, National Research Council

	Calories [1]	Protein grams	Calcium grams	Iron mg.	Vita- min A [2] I.U.	Thia- mine [3] mg.	Ribo- flavin [3] mg.	Niacin (Nico- tinic Acid) [3] mg.	Ascor- bic Acid mg.	Vita- min D I.U.
Man (154 lb., 70 kg.)										
Sedentary	2400	70	1.0	12 [4]	5000	1.2	1.8	12	75	[5]
Physically Active ..	3000	70	1.0	12 [4]	5000	1.5	1.8	15	75	[5]
With Heavy Work ..	4500	70	1.0	12 [4]	5000	1.8	1.8	18	75	[5]
Woman (123 lb., 56 kg.)										
Sedentary	2000	60	1.0	12	5000	1.0	1.5	10	70	[5]
Moderately Active ..	2400	60	1.0	12	5000	1.2	1.5	12	70	[5]
Very Active	3000	60	1.0	12	5000	1.5	1.5	15	70	[5]
Pregnancy (latter half) ..	2400 [6]	85	1.5	15	6000	1.5	2.5	15	100	400
Lactation	3000	100	2.0	15	8000	1.5	3.0	15	150	400
Children up to 12 yrs. [7]										
Under 1 yr. [8]	110/ 2.2 lb. (1 kg.)	3.5/ 2.2 lb. (1 kg.)	1.0	6	1500	0.4	0.6	4	30	400
1-3 yrs. (27 lb., 12 kg.) ..	1200	40	1.0	7	2000	0.6	0.9	6	35	400
4-6 yrs. (42 lb., 19 kg.) ..	1600	50	1.0	8	2500	0.8	1.2	8	50	400
7-9 yrs. (58 lb., 26 kg.) ..	2000	60	1.0	10	3500	1.0	1.5	10	60	400
10-12 yrs. (78 lb., 35 kg.)	2500	70	1.2	12	4500	1.2	1.8	12	75	400
Children over 12 yrs. [7]—										
Girls, 13-15 yrs. (108 lb., 49 kg.)	2600	80	1.3	15	5000	1.3	2.0	13	80	400
16-20 yrs. (122 lb., 55kg.)	2400	75	1.0	15	5000	1.2	1.8	12	80	400
Boys 13-15 yrs. (108 lb., 49 kg.)	3200	85	1.4	15	5000	1.5	2.0	15	90	400
16-20 yrs. (141 lb., 64 kg.)	3800	100	1.4	15	6000	1.7	2.5	17	100	400

N.B.—Figures in square brackets are references to the accompanying notes below.

A gram in the international metric system of weights and measures is about 1/28th oz. A kilogram, which is 1,000 grams, is equal to 2.2 lb.

A milligram is 1/1,000th of a gram. A calorie is a unit of measurement used to express the heat-producing or energy-producing value of food.

1 mg. thiamin equals 333 international units ; 1 mg. ascorbic acid equals 20 I.U.s. (1 international unit equals 1 U.S.P. unit).

NOTES

1. Calorie allowances must be adjusted up or down to meet specific needs. The calorie values in the table are therefore not applicable to all individuals but rather represent group averages. The proper calorie allowance is that which over an extended period will maintain body weight or rate of growth at the level most conducive to well-being.
2. The allowance depends on the relative amounts of vitamin A and carotene. The allowances of the table are based on the premise that approximately two-thirds of the vitamin A value of the average diet in this country is contributed by carotene and that carotene has half or less than half the value of vitamin A.
3. For adults (except pregnant and lactating women) receiving diets supplying 2000 calories or less, such as reducing diets, the allowances of thiamine and niacin may be 1 mg. and 10 mg. respectively. The fact that figures are given for different calorie levels for thiamine and niacin does not imply that we can estimate the requirement of these factors within 500 calories, but they are added merely for simplicity of calculation. In the present revision, riboflavin allowances are based on body weight rather than caloric levels. Other members of the B complex also are required, though no values can

- be given. Foods supplying adequate thiamine, ribo-
flavin, and niacin will tend to supply sufficient of the remaining B vitamins.
4. There is evidence that the male adult needs relatively little iron. The need will usually be provided for if the diet is satisfactory in other respects.
5. The need for supplemental vitamin D by vigorous adults leading a normal life seems to be minimum. For persons working at night and for nuns and others whose habits shield them from the sunlight as well as for elderly persons, the ingestion of small amounts of vitamin D is desirable.
6. During the latter part of pregnancy the calorie allowance should increase approximately 20 per cent. above the preceding level. The value of 2400 calories represents the allowance for pregnant sedentary women.
7. Allowances for children are based on the needs for the middle year in each group (as 2, 5, 8, etc.) and are for moderate activity and for average weight at the middle year of the age group.
8. Needs for infants increase from month to month with size and activity. The amounts given are for approximately 6 to 8 months. The dietary requirements for some of the nutrients such as protein and calcium are less if derived largely from human milk.

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(Continued from p. 711)

planning of many hospitals. The service room should be equipped with hot plates, *bains marie*, grills and trolleys. Emphasis must be laid on the importance of ensuring that service of food to the consumer's plate is undertaken by, or under the direct supervision of, a chef or other highly qualified person. Carelessness in service or the provision of over-large portions detracts from the appearance of the meal and goes far to kill appetite.

It is most undesirable for cooked food to be kept hot in containers, or by other means, for any length of time. This is detrimental from the nutritive and palatability viewpoints and therefore prepared foodstuffs coming from the kitchen to the service should be cooked and stored in small units. Many sweet dishes lend themselves to service in individual portions and their appearance can be heightened by the use of stainless steel coupes and other types of attractive containers.

Waste

Whilst waste must be ever present it can be reduced to a minimum by careful planning. Good cooking, efficient service and careful compilation of menus will achieve this object. Beef and poultry bones should be used for stock for the preparation of soups and sauces, and all fat trimmings of meat and poultry should be rendered down for dripping. All fish bones do not lend themselves to use for fish stock; sole and turbot are, however, eminently suitable.

Although the outer leaves of the majority of vegetables may be utilised in the stock pot, vegetables which would impart a predominating flavour, i.e. turnips and swedes, should not be included. Left over vegetables, fish meat, etc., can be incorporated in made-up dishes and hors d'oeuvres. Stale bread should be dried and converted into bread-crumbs, for in this form it can be used in a variety of dishes.

Dietary Standards

Dietary standards serve as a measure in planning diets and food supplies. Standards have existed for many years, but change from time to time as knowledge increases and no standard can be considered as final.

In 1941 the "Recommended Dietary Allowances" drawn up by its Food and Nutrition Board was published by the National Research Council of the U.S.A. They represented the the most authoritative survey of human nutritional requirements made up to that date and became widely accepted. A second edition of the "Allowances" was published in 1945 and a further revision was made in 1948. The accompanying table* sets out the revised 1948 figures.

The "Recommended Dietary Allowances" have been drawn up on the principle of recommending allowances sufficiently liberal to be "suitable for maintenance of good nutritional status."

They are "intended to represent exactly what is implied in a literal interpretation of the words *recommended dietary allowances*. Hence, in contrast to some previously promulgated standards, the data in the accompanying table are rather to be understood as representing levels

*See page 711

of nutrient intakes which the Food and Nutrition Board recommends as normally desirable goals or objectives."

"The recommendations are not called 'requirements' because they are intended to represent not merely the literal (minimal) requirements of average individuals, but levels enough higher to cover substantially all individual variations in the requirements of normal people."

"The figures here recommended are, therefore, generally higher than average requirements but generally lower than the doses used to meet needs created by pathological states or certain environmental conditions or in compensating for an earlier period of depletion."

The recommended dietary allowances represent objectives towards which to aim in planning practical dietaries, and can be attained with a good variety of common foods which will also provide other minerals and vitamins for which requirements are less well known.

References:—

Catering—Selection and Preparation of Meat, by H. J. Taylor. THE HOSPITAL, p. 21. Jan., 1946.

Hospital Catering—(1) Geography of the Kitchen and Equipment Layout—(2) Staff Organisation—(3) Selection of Equipment—(4) Pest Control—(5) The Larder and the Bakery—(6) Ten Years of Progress, by W. A. Graham. THE HOSPITAL, p. 79 Feb., p. 141 Mar., p. 205 April, p. 259 May, p. 327 June, p. 409 July, 1949.

CENTRAL LINEN ROOM

(See under *Textiles*)

CLEANERS AND CLEANING

Although it is advantageous to keep down to a minimum the number and varieties of cleaning agents used in the hospital it is important to bear in mind that certain cleaners although excellent if used for the purpose for which they are intended have a deleterious effect on some materials. Cleaning preparations which contain a great deal of free alkali have a destructive effect on rubber tile, marble and cork, and strong soda causes swelling of linoleum and perforation of marble surfaces. Paint is also adversely affected by free alkali which acts as a form of paint remover, and this should be borne in mind when walls are washed down.

Floors

For special methods of cleaning various kinds of flooring materials, see *Flooring*.

Polishes

Polishes containing hard wax are generally recommended as superior to soft wax products because the latter tend to be slippery and to smear easily. Because of their soft surface they attract dirt and dust and do not provide a good hard wearing surface. A good polish has to be moist enough to remove dirt and have enough solid wax present to ensure a good film. This film should be hard enough to resist easy scratching or marking. It should be dust resisting (non-tacky) and waterproof. Although it is claimed by some manufacturers that their polishes are non-slip this cannot be

true in an absolute sense, but only in so far as some are less slippery than others.

Labour and Labour-Saving Equipment

It is essential to use good and reliable labour on cleaning in the hospital, for although the hospital administrator may have a sound working knowledge of the requirements for each particular type of job, if the workmen or cleaners are liable to use their own methods damage may be caused to walls and floors entailing unnecessary maintenance expenditure. For all cleaning jobs definite instructions should be laid down and care should be taken to see that they are rigidly adhered to.

With the difficulty of obtaining domestic labour at present and always bearing in mind the high relative cost of the labour in relation to the work performed, consideration should be given to the use of mechanical cleaning devices wherever possible. A wide range of labour-saving devices are now on the market, electrically-operated floor polishers, vacuum cleaners, scrubbers, mopping machines, bed pan washing machines and gas or electric incinerators for disposal of bandages, etc. Mechanical floor polish sprayers are also available, these heat the solid wax or polish by means of an element in the base controlled by a thermostatic switch and the polish is then sprayed onto the floor by a process of atomisation in consequence saving time in application. Another interesting form of mechanical floor polisher combines both vacuum cleaner and polisher. If these machines are used a reduction in labour costs can be made by a saving in time on the different jobs.

(For suppliers of labour-saving devices see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, page 863.)

COLD STORAGE

(See under *Refrigerators*)

CROSS INFECTION, PREVENTION OF

(See under *Ventilation*)

DECORATION

A high standard in decoration of the interior of the hospital is an essential for maintenance. That this decoration should follow an appropriate character and serve a functional purpose has for some years been the subject of scientific research, particularly in the United States. The older hospital interiors decorated in grim dark colours and even the more glaring white are familiar to everyone, that this form of decoration can be improved upon in terms of more rapid recovery for the patient and better seeing conditions for personnel is claimed by the proponents of the scientific use of colour. This subject has recently been receiving a great deal more attention since the case histories of colour conditioning in factories and in other industrial applications have been carefully analysed. In

the factory, claims are made that better and more work is produced and that absenteeism is reduced by colour conditioning.

Colour in the Hospital

In the hospital the scientific application of colour can supplement cleanliness and a fine appearance by a large number of additional benefits in terms of better lighting, relief from eye strain and a better mental attitude both on the part of the staff to their work, and on the part of the patients in that it conduces to more rapid recovery. As colour has the power to create a satisfying and cheerful environment so it can be made either exciting or stabilising and create moods suitable to the cases under treatment.

In existing buildings colour can be used to correct unpleasantly-shaped rooms. For example, uncomfortably long or high rooms can be given the effect of being shortened by employing warmer colours on the remoter surfaces and conversely narrow rooms can be made to appear wider by the use of cool colours. Unpleasant shapes can be corrected by banding and striping in colours, which is another form of camouflage.

Lighting

Colours are generally chosen in relation to a daylight standard, but all colouring is relative to its illumination. The customary source of light has been the gas-filled tungsten filament until recent years, but now fluorescent lighting is finding wider application. With the latter, the normal white spectrum will provide colour response reasonably close to that of daylight illumination. Tungsten lighting, however, is deficient in the daylight colours and should be compensated by the avoidance of the violet, blue and green parts of the spectrum unless used in very pale shades, otherwise the reflective value of surfaces so decorated will be inadequate.

(For further details see *Artificial Lighting*.)

In the development of this colour technique it has been found that ease of seeing is improved when the whole colour field is of a relatively uniform brightness. Pupillary action is then reduced to a minimum by the reduction of the necessity for constant readjustment to varying intensities of reflected light. In consequence a proper balance between paint and illumination, which can be measured scientifically, is called for to eliminate personal preferences which tend to creep in wherever decoration is concerned.

Operating Theatres and Surgical Departments

In order to relieve the surgeon's eyes from the glare of traditional white walls it has been found that bluish-greens create a softer and more uniform seeing condition. Another benefit noted from the use of these colours is that they serve as a complement to the red of human tissue and seeing is more acute for delicate surgical manipulations. These hues are also pleasanter and easier to work in when under severe mental strain. For patients' dressing-rooms green is not recommended but a warmer tone such as peach which creates a feeling of well-being.

The use of white with its high reflecting value can be put to good use in such areas as linen, storage rooms, sterilising rooms and the

like where occupancy is infrequent and sanitary appearance is desirable. White is stated to have an encouraging effect on good house-keeping.

Wards

Two factors contribute to the decoration of wards, the psychological aspect and the orientation of the building and rooms. Warm tones tend to be stimulating and are suggested for maternity wards and others where rapid convalescence is desired. For those wards where long-stay or chronic patients are installed cool colours are claimed to achieve a passive and restful effect. With regard to orientation, this principle has long been applied in ordinary domestic colour schemes. Rooms with a north exposure can be painted in warm tones to compensate for the relatively bluish outdoor light and conversely those with a southern aspect in cooler tints to condition them against the greater intensity of light and heat. Soft colours are suggested for all these uses as they are reckoned to be more pleasant to look at and for utilitarian reasons more resistant to soiling and normal abuse.

Ante-rooms, etc.

In lobbies, ante-rooms, solaria, waiting rooms, reception rooms and those areas utilised by visitors and the personnel of the hospital a variety of colour schemes are suggested in order to avoid monotony. The emotional qualities of colour, it is said, can be utilised to stimulate or stabilise and create sensations of warmth or coolness as may be required. Warmly coloured rooms leading into cooler ones tend to break up the monotony and the results are particularly striking where different colours are utilised in adjacent areas.

For corridors which are deprived of natural daylight a simulation of outside conditions can be achieved by the use of ivory, yellow, beige or peach tones. Dining-rooms and class-rooms can also be made to contrast with the surgical departments and wards.

References :—

- Interior Decoration in the Hospital*, by Arthur L. Hall. THE HOSPITAL, p. 131. April, 1946.
Colour Conditioning for Hospitals. THE HOSPITAL, p. 45. Jan., 1949.

DIETARY STANDARDS

(See under *Catering*)

DOORS

In order to lessen the risk of fire, doors should not be made of soft woods but some hard fire-resistant wood such as teak. To prevent noise all doors should be fitted with an efficient door stop and catches that click as the doors close should be eliminated as far as possible.

There are two kinds of flush fitting doors, those in which there is a laminated core similar to the thicker plywoods where the laminations are at right angles to the door surface and the more normal type where there is a built up frame or framed core onto which the plywood sheets are cemented. Flush doors can be

constructed solid to meet fire-resisting requirements.

Revolving doors should be made not less than 6 feet in diameter. Various types of sliding doors are on the market. It is suggested that where they are intended to slide round a curved overhead track the leaves of sliding doors should not be greater than 2 feet.

Various types of sliding folding partitions are made. These can be most useful in the nurses' home for dividing the nurses' sitting room from the sister's sitting room, then in the event of social functions the two rooms can be thrown together. When closed these doors or partitions present a completely flush flat surface. On being opened the tops and bottoms slide along small runways in the ceiling and floor so that when they are thrown back the leaves fold right back against each other and end up flat against the wall, taking up very little space and leaving the floor between the two rooms completely free.

B.S. 459, Part 1: 1944 specifies detailed dimensions for panelled and glazed wood doors for internal use. (The same dimensions are given in Part II of B.S. 459: 1945 for Flush Wood Doors.)

Door handles and hinges are specified in B.S. 459, Part I. The position of the lock mortice is standardised at 3' 3" from the tops of the door. Hinges are placed at 9" and 5'9" from the top of the door to the top of the hinge.

(For suppliers of this equipment see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

References :—

- B.S.1228: 1945. *Door Bolts, Iron, Steel and Non-Ferrous*.
 B.S.1245: 1945. *Metal Door Frames*.
 B.S.1331: 1946. *Builders' Hardware*.
 B.S. 455: 1945. *Schedule of Sizes for Locks and Latches for Doors*.
 B.S. 990: 1945. *Metal Casement Windows and Casement Doors for Domestic Buildings*.
 B.S.459: Part I: 1944. *Panelled and Glazed Wood Doors*.
 Part II: 1945. *Flush Wood Doors (with Plywood Faces)*.
 Part III: 1946. *Firecheck Flush Doors*.
 B.S.644: Part I: 1945. *Wood Windows and Casement Doors*.
 These are obtainable from the British Standards Institution, 28, Victoria Street, London, S.W.1.

ELECTRICAL INSTALLATIONS

Terms and Definitions

Ampere—unit of current or intensity of flow.
 Volt—unit of electromotive force or pressure.
 Ohm—unit of resistance to the flow of current.
 Watt—unit of power, representing a consumption of one ampere at a pressure of one volt.

Watts therefore are volts multiplied by amperes.



















































Kilowatts—1,000 Watts.

Supply

Providing reasonable tariff facilities can be obtained the hospital, unless it is remotely situated, will rarely gain by generating its own electricity supply either financially or in terms of fuel. In consequence a mains supply will make one system of wiring available for all purposes.

(Continued on p. 718)

GRAPHICAL SYMBOLS FOR ELECTRICAL WORK

Description.	Symbol.	Description.	Symbol.
1. Ceiling Point, Lighting ..		26. Distribution Fuseboard without Switches, Lighting.	
2. Ceiling Point, Power ..		27. Distribution Fuseboard with Switches, Lighting.	
3. Floor Point, Lighting ..		28. Distribution Fuseboard without Switches, Power.	
4. Floor Point, Power ..		29. Distribution Fuseboard with Switches, Power.	
5. Bracket Point, Lighting ..		30. Bell Push ..	
6. Fan Point ..		31. Pear Push and Rosette ..	
7. Synchronous Clock Point ..		32. Bell ..	
8. Special Purposes Point ..		33. Bell Indicator (N = No. of Ways)	
9. Lighting Wall-socket ..		34. Indicator and Bell ..	
10. Lighting Wall-socket and Switch combined.		35. Bell-ringing Transformer ..	
11. Power Wall-socket ..		36. Telephone Point, public service ..	
12. Power Wall-socket and Switch combined.		37. Telephone Board, public service ..	
13. 1-way Switch ..		38. Telephone Point, internal ..	
14. 2-way Switch ..		39. Telephone Board, internal ..	
15. Intermediate Switch ..		40. Fire Push ..	
16. Pear Switch for Lighting ..		41. Automatic Alarm ..	
17. Main Fuseboard without Switches, Lighting.		42. Fire Gong ..	
18. Main Fuseboard with Switches, Lighting.		43. Fire Indicator ..	
19. Main Fuseboard without Switches, Power.		44. Remote Control Push ..	
20. Main Fuseboard with Switches, Power.		45. Special Purposes Push ..	
21. Main Switch, Lighting ..		46. Special Purposes Indicator (N = No. of Ways).	
22. Main Switch, Power ..		47. Loud-speaker Outlet ..	
23. Main Cut-out, Lighting ..		48. Master Clock ..	
24. Main Cut-out, Power ..		49. Secondary Clock ..	
25. Meter ..		50. Earth Point ..	

Extract from British Standard No. 447-1935 *Graphical Symbols for use in connection with Interior Installations*. Reprinted by permission of the British Standards Institution, 24-28 Victoria Street, London, S.W.1, from whom official copies of this specification can be obtained, price 1/- post free.

Electrical Installations—contd. from p. 716.

In Post War Building Studies No. 11 it is stated that provision should be made for a 3-phase, 4-wire 400/230 volt A.C. electricity service derived either directly from an external system of low-tension mains, or from a transformer installed in the building which takes its supply from high-tension mains. When required, adequate and suitable space should be provided for a transformer substation chamber and for a switch and meter room. This should be so placed or insulated acoustically to reduce noise to a minimum.

Rising conductors should be run in readily accessible ducts or chases designed for the purpose, although they may form separate enclosed compartments of larger ducts for services in general. For reasons of fire risk it is desirable to use one vertical duct or chase to serve each wing of a building, the horizontal distribution of the mains to each vertical duct being effected at the level of the intake or transformer chamber. One duct per 5,000 sq. ft. is generally necessary.

With regard to horizontal installations to permanent outlet positions, P.W.B.S. No. 11 recommends the use of vulcanised rubber-insulated cable run in lug-grip-jointed welded or brazed steel conduit placed in the floor either on the shuttering or in screeding of suitable depth, or between floor blocks. All conduits should be run with convenient draw boxes—accessible either from floor or ceiling so that re-wiring may be carried out easily.

The main services to be supplied are general ward lighting (see further *Artificial Lighting*) operating theatre lighting and special facilities—and emergency lighting (see under *Emergency Lighting*), refrigeration, X-ray apparatus and space heating (see under *Heating*), and the staff location system (see under *Internal Communications*).

Wiring Systems

The conduit system consists of cables run in metal conduit and the best types are heavy gauge, screwed, welded or brazed joints or seamless, solid drawn, which are recommended for hospital work as they provide mechanical continuity and facilitate earthing of the entire system, besides having the advantage, in case of failure, of easy withdrawal and replacement.

The tough rubber covered system consists of twin or three-core cables sheathed in tough rubber. Although the system is not usually earthed all fittings should be made of insulating material. The main advantage of this system is that it can be used with the maximum of concealment where surface wiring is necessary as can lead sheathed cable. Care should be taken that there is no risk of damage to the cables.

Lead covered system. Similar to the above only the twin or three-core cables are sheathed in lead. For fire prevention reasons it should not be installed on oak beams or on new plaster.

The regulations in the field of electrical installations and wiring issued by the Institution of Electrical Engineers are set out in their publication :—*Regulations for the Electrical Equipment of Buildings*. Reference should also be made to B.S. 1043-1942 *The Provision*

of Engineering and Utility Services in Buildings

(For suppliers of this equipment see under appropriate head in the Subject Index of the *Guide to Hospital Purchasing*, p. 863).

References :—

- Post-War Building Study, No. 11 : *Electrical Installations*. (H.M.S.O.) 1944.
 Institution of Electrical Engineers : *Regulations for the Electrical Equipment of Buildings*. (Savoy Place, London, W.C.2.)
 British Standard Code of Practice B.S.1043 : *The Provision of Engineering and Utility Services in Buildings*.
Electric Power Supply. THE HOSPITAL, p. 197. Aug., 1940.
Electrical Installations in Hospitals, by F. Charles Raphael. THE HOSPITAL, p. 213. July, 1943.
Lighting Installations in Hospitals, by W. R. F. Brown. THE HOSPITAL, p. 225. June, 1946.

EMERGENCY LIGHTING

Some form of emergency lighting equipment is always necessary in the hospital. Failures in the normal system may occur in several ways, first a failure in the mains current, second a local fuse or other break in the circuit, or third where a hospital generates its own supply, through some technical fault in the generating plant itself.

Emergency Systems

The most efficient system is a complete emergency lighting service utilising one of the following methods for an alternative source of current. These are a secondary connection to the public service, an emergency power-driven generator, or a set of batteries so arranged as to be constantly maintained fully charged in the event of failure. A complete auxiliary circuit should be connected to this emergency source so that all possible internal circuit failures are immediately by-passed, and essential services can be carried on. This secondary circuit should supply the operating theatre lights and a minimum number of lights in wards, corridors and so on to maintain general circulation of personnel and relieve the anxiety of the patients.

The extent of emergency lighting services in the hospital has remained a moot point apart from the vital necessity in the operating theatre. This has been mainly owing to the relatively heavy expense of alternative circuits and the rarity of general failures. If the emergency service is limited to the operating theatre it should be borne in mind that arrangements must be made to include adequate general lighting and lighting of instrument cupboards as well as the main operating lighting equipment.

Battery Systems

There is a variety of methods of using batteries for emergency lighting systems. The small battery light using accumulators, which will maintain a single light, and the large batteries designed to carry a heavy load like the entire emergency circuit of the hospital. The small types of portable emergency light are mounted on a trolley with self-steering rubber-tired wheels. Both hand-operated and automatic types are available the latter having the advantage of the light coming on instantaneously if the ordinary system fails.

Apart from such portable types the fixed battery systems offer a special service in the operating theatre. A small battery of sealed-in cells can be kept in some convenient part of the building and kept fully charged by a trickle from the mains. This lighting source can then be wired independently to the emergency lighting points provided in the shadowless operating theatre lights, and so arranged, that in the event of a breakdown, or even if the filament of the main lamp breaks, the emergency light points are automatically cut in on the battery circuit. Another type of battery equipment which differs slightly from that just mentioned, in addition to working the shadowless lamp, can also supply current for emergency lights in the theatre and adjoining corridor. This works by a current controlled relay, which in the event of failure cuts in the battery circuit which is wired to the emergency points in the operating lamp and theatre.

The advantage of this last system and the portable battery lights is that they can stand for months without loss of capacity as there are no open circuit losses, no deterioration takes place while the battery is not in use and trickle charges are not necessary.

(For suppliers of this equipment see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

References

- Emergency Lighting.* THE HOSPITAL, p. 215. Sept., 1940.
Emergency Lighting. THE HOSPITAL, p. 165. April, 1946.

EXPLOSION RISKS

(See under *Operating Theatres*)

FIRE PREVENTION

The modern hospital building owing to its ferro-concrete construction is generally speaking fire resisting, the steelwork normally being protected by concrete from the heat of fire, and doors, window frames and the like, generally made of fire resisting wood such as teak. The risk of a small outbreak taking hold in this sort of building is in consequence fairly small.

In the older type of building, however, where there is much woodwork which becomes dry in the course of time, the frequent use of lath and plaster ceilings, soft wood doors and similar inflammable material increase the risk considerably. Where this is so, fire resistant and fire-proofing paints and other materials may be applied to woodwork and other parts of the building to prevent a small fire from gaining hold of the structure. Their use, however, seems somewhat limited.

Chemical Extinguishers. All wards should be provided with one of the domestic pattern fire extinguishers, so that in the event of a minor outbreak it can be dealt with by a member of the staff without difficulty. The fire brigade should be called without delay if these immediate measures do not appear to be effective.

It has been suggested that these extinguishers are more effective than the smaller types of hose reels often to be found in hospitals, which cause a great deal of mess for a very small fire.

Hose Reels. These are intended for use by the hospital staff to keep larger fires at bay pending the arrival of the fire brigade and not for use where an extinguisher would be more effective.

Fire Risk Areas

Generally speaking the causes of fire are so numerous that it is difficult to lay down rules. Cigarettes and matches are often the cause of fire. Electric irons are left on ironing boards, dresses get caught in electric fires and so on.

Electrical Fittings. Rules should be made with regard to the use of electrical fittings, particularly with regard to the abuse of points and electric light sockets by the staff in living and bedrooms. All kinds of adaptors, unorthodox connections, two-way switches and the like will be used with consequent fire risk if measures are not taken to prevent such occurrences.

Fixed electric fires, provided that they have an efficient guard, are not in general so dangerous as the portable fire and the use of the latter should be discouraged.

If proper maintenance is carried out by the engineers department on the electrical equipment it is unlikely to give any trouble or risk of fire.

Where old buildings have been acquired as nurses' homes it must be pointed out that lead covered electrical wiring must not be placed in close contact with old oak beams.

Oil Lamps and Stoves. Oil lamps and stoves should be eliminated as far as possible with present fuel and heating shortages for they are an everpresent danger of fire should they be knocked over.

Kitchen Apparatus. Although kitchen apparatus is seldom responsible for an outbreak of fire the ventilation system drawing air out of the kitchen should be periodically cleaned to see that throughout the run of the ductwork the highly inflammable grease which accumulates over time is removed. Dampers should be provided at suitable points and should be made to operate automatically by means of a fusible link which melts at relatively low temperatures. The damper will then be allowed to close and cut off the passage of flame.

Operating Theatres—Explosion Risks—See under that head).

X-Ray Department. With the use of non-inflammable film and provided electrical equipment is satisfactorily maintained the X-ray Department is unlikely to be the source of an outbreak of fire.

Boiler Houses. Boiler houses are very rarely the cause of fire because they are constantly under supervision. Care should be taken, however, to see that flues of boilers, economisers and the base of the chimney are periodically cleared of soot. Oil fuel, of course, should be stored underground away from the risk of fire. Spontaneous combustion in coal dumps can be prevented by the insertion of vent pipes in suitable positions.

Fire Organisation

Whilst immediate action should be taken to extinguish an outbreak of fire it should simultaneously be reported to some authority

centre. This will be dependent on the size and layout of the hospital. In a large hospital instant communication should be available to the chief administrative officer, medical superintendent, matron, engineers' department and the porter's lodge. Arrangements can then be made by all those responsible for the administration of the hospital and the porter can prepare for the arrival of the fire brigade. Each hospital administrator will need to work out a rigid procedure applicable in all details to his own specific needs.

Voluntary fire squads are established in many hospitals and if these are given periodic practices and training they will be able to deal with all small outbreaks rendering the arrival of the fire brigade unnecessary; even at worst they should be able to hold a fire at bay until the arrival of heavier equipment.

Alarm signals should not generally take the form of hooters or sirens as they are liable to cause panic among the patients. An alternative is an electrically operated system which sounds bells at specific points, for example the chief administrator's, the medical superintendent's and matron's offices, the boiler house and porter's lodge (as suggested above) an indicator showing the point of origin of the call. The internal telephone system can also be used so that the person required may be located as soon as possible.

If the internal telephone system is used it can serve a very similar function to the alarm bell system. If a special fire call is given the caller can be connected with all the above points and has the advantage of being able to describe the nature of the outbreak.

References :—

Fire Precautions in the Hospital, by H. A. Sandford. *THE HOSPITAL*, p. 397. Sept., 1948.

Explosions in Hospitals—Risks due to Static Electrification of Equipment in Operating Theatres. *THE HOSPITAL*, p. 329. Sept., 1938. (Reprinted from *THE ELECTRICIAN*.)

Fire Precautions. Memorandum for the Guidance of Hospitals, published for King Edward's Hospital Fund for London by Geo. Barber & Sons, Ltd., 23, Farnival Street, E.C.4.

Fires and Explosions in Operating Theatres, by J. Thomlinson. *THE HOSPITAL*, p. 201. April, 1949.

FLOORING

The main considerations to be borne in mind in the selection of flooring materials are cost, durability, appearance, ease of cleaning and maintenance, comfort in walking and non-slip properties.

Asphalt Tile or Mastic Tile

Mastic tile is attractive in appearance and not expensive to install. It is manufactured in many sizes and colours and has an asphalt base. It is resilient, but is liable to be marked fairly easily by heavy furniture with small bearing surfaces, which will leave small pits in the surface. These, if not severe, may in many cases be ironed flat, but there is always the danger of changing the colour. With regard to colour, the darker ones, owing to their higher asphalt content, are better wearing than light which, although they do not show foot-

marks so easily, are liable to be stained more readily. Light colours are also more expensive.

A firm sub-floor, such as concrete is necessary, and in order to prevent breakage and loosening of the tiles they should be of an adequate thickness.

Cleaning. Sweeping and washing with water and waxing when necessary with a type of wax recommended by the makers will keep mastic tiles in good condition. As oils and petrol attack asphalt oily substances and soap should not be used for cleaning.

Asphalt

A very similar flooring to the mastic tile above as regards wear. Oils affect asphalt in the same way. It tends to wear unevenly.

Ceramic Tile

Ceramic tile is resistant to damage, stains, grease, oil and chemicals. Its long life offsets the expense of installation to a large extent. It is most advantageously used in wet places, bathrooms, operating rooms, steriliser rooms and where a hard surface is most useful. Patterned and coloured varieties of tiles can be obtained. In bathrooms it is essential to use tiles with a high abrasive content to prevent the danger of slipping.

Cleaning. Ceramic tile is easily cleaned. Strongly acid or alkaline cleaners should not be used, for although they will not affect the tiles, damage is caused to the cement settings. Soap should not be used as it tends to leave a greasy film enabling dirt and dust to adhere.

Concrete

Concrete is the cheapest type of floor, but needs skilful laying and curing by frequent powdering. Although colours can be added before mixing they tend to fade. There are two disadvantages, first a tendency to dusting, and second for cracks to appear. These cracks can be repaired but spoil the floor's appearance. Its use is mainly restricted to store rooms, basements, engine rooms and where there is heavy traffic. It is also useful as a sub-floor on which other types of flooring such as rubber, mastic or cork can be directly laid. Paint may be used on concrete flooring, but if there is much traffic it has to be applied frequently.

Cleaning. Although sweeping is generally sufficient in the majority of cases, water should be used if necessary. Soap may be used or an abrasive powder with water. Generally speaking, however, soap is to be avoided as it tends to leave a greasy deposit. Stains are difficult to remove from concrete.

Cork

Cork is an expensive flooring material, but is very silent in use. Cork tiles are made by heating and compressing granulated cork and are available in several textures and shades of brown. Tiles vary in thickness but can be obtained up to 18 ins. square. They are fixed in the same way as linoleum and some varieties have tongued and grooved edges for added security in laying. Surfaces are sanded off and polished.

Cleaning. Polishes recommended by the manufacturers. It wears fairly easily under heavy traffic and is difficult to maintain.

Linoleum

Linoleum is perhaps more generally used in hospitals than any other kind of flooring. It is made of ground cork and linseed oil, gums, resins and pigments. Both coloured and patterned linoleum is obtainable and is inexpensive. It is comfortable to walk on and sound absorbing. Pits and scratches can be avoided if furniture is not mounted on gliders or castors, but it needs careful maintenance if long life is to be obtained. Linoleum in tile form or cork tiles are not in general favour although damaged areas can be replaced fairly readily if these are used.

Painted back linoleum should only be used on wood floors. Plain backed is necessary for fixing to concrete as a strong resinous cement is used for fixing. Linoleum must not be laid on a concrete floor in direct contact with the ground unless there is a continuous asphalt or similar damp course.

B.S. 810: 1938, specifies linoleum in thicknesses ranging from 1.90 to 6.70 millimeters: cork carpet in thicknesses of 2.50 to 8.00 millimeters.

Cleaning. Sweeping with hair brooms or oil mops keeps linoleum clean. If it is necessary to wash the floor, lukewarm water should be used and a little neutral soap may be added. Some hospitals wax their linoleum floors more frequently than every six months.

Marble

Marble paving slabs are usually $\frac{3}{4}$ in. to 1 in. in thickness and may be obtained finely sanded or finely gritted. It is expensive, but has a fine appearance and good wearing qualities.

Cleaning. As dirt does not cling easily to marble, cleaning is comparatively easy. Sweeping, with occasional mopping, will be adequate to keep it clean. Ammonia, strong alkali, acids and abrasives should be avoided.

Quarry Tile

Quarry tile is less expensive than ceramic tile but has the same length of life. It is considered very suitable for kitchens, cafeterias, dining rooms, X-ray rooms and dark rooms. Those parts of the floor surrounding steam cookers should be specially watched and preserved as cement erodes in steam. Its use should be avoided in wet places because of a tendency to become slippery.

Cleaning. Quarry tile is easily cleaned, but becomes slippery when wet and greasy.

Rubber

The low cost of maintenance and long life of rubber flooring to a large extent outweighs the high cost of installation. It is both beautiful and durable and is obtainable in a wide variety of marbled and plain colours. Heavy traffic is suitable for rubber as the flooring maintains itself by expansion and contraction. If it is little used it tends to crack and oxidise. It needs to be protected from heavy weights and furniture should be fitted with gliders of a size proportionate to its weight.

Concrete makes a good sub-floor and the rubber should be laid in large continuous sheets as smaller sizes tend to come away from the concrete. A rubber mastic cement is used for fixing to either wood or concrete surfaces.

Cleaning. Soft soaps containing free alkali or soap liquids containing oils, e.g. turpentine or pine oil, or pastes containing abrasives should not be used for cleaning rubber floors. Petrol, benzine, naphtha and paraffin attack the material and make it soft and sticky and may cause bleeding of colours. They may, however, be used to remove stains if they are quickly wiped off.

Before washing, loose dirt should be brushed away and then the floor may be washed preferably with a mop or cloth. The water should be changed frequently; whether warm or cold should be used depends on the type of cleanser. An excessive amount of water should never be used as it may creep between the joints of the flooring and affect its adhesion to the sub-floor. After washing the floor should be dried as quickly as possible as this improves the sheen. When mechanical washers are employed care should be taken to see that the machine is not too heavy or abrasive in action as this may open the joints in the floor.

Polishes containing organic solvents are detrimental to rubber. A wax emulsion polish should therefore be used. Polishing should be done in sections so that traffic is not suspended while the sections are drying, which takes 5-30 minutes depending on atmospheric conditions and the polish employed. Polish should be spread lightly with a clean cotton pad and not be rubbed into the floor. When the polished floor becomes dirty the loose dirt should be removed with a broom and the floor wiped with a cloth moistened with clean cold water. No cleaner should be used as this will remove the polish. Cleansers and polishes should always be of a type approved by the manufacturers of the flooring material.

Terrazzo

Terrazzo is made of granulated marble or granite mixed with either white, grey or coloured portland cement. It may either be laid on the spot or obtained in various pre-cast forms. It is inexpensive and durable but is non-resilient. Terrazzo is a suitable flooring for lobbies, operating theatres and wards. It has wide uses as a base or border for other types of flooring such as linoleum or rubber, which can be laid down on the central track of a terrazzo covered ward. If it is not well laid it is liable to crack.

Cleaning. A neutral soap solution should be used for cleaning. Acids and strong alkalis affect the surface.

Wooden Flooring

The more commonly used woods for flooring are oak and maple. Both have a good appearance and can be used either as planks of uniform width or as parquet blocks. The effective wearing depth of a block is only the depth from the surface to the uppermost portion of any keying or locking device. In B.S. 1187 this is specified as $\frac{3}{4}$ in. When it is laid the pores of the wood should be sealed and after sandpapering the surface treated with shellac or varnished, and stained. Careful maintenance is necessary to obtain the best life from wooden floors.

Cleaning. Sweeping with a hair broom followed by an oiled mop is an effective method

of cleaning wooden floors. Scrubbing with warm water and soap is not recommended.

(For suppliers of floorings see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

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Hospital Flooring. THE HOSPITAL, p. 83. April, 1941.
Post War Building Study, No. 15. *Walls, Floors and Roofs.* (H.M.S.O.) 1944.

FOODSTUFFS, NUTRITIVE VALUE

(See under *Catering*)

FUELS

Although the choice of fuels is at present restricted, in normal times the principal question in the choice of fuels for the hospital is whether the steam boilers are to be hand-fired, provided with mechanical stokers, or with automatic stokers. Each of these types of firing requires a different grade of coal, and the decision will be based on the capital cost of the equipment, relative prices of grades of coal and cost of stoking labour. Few hospitals need the attendance of more than one stoker at the boiler house at one time. Automatic and mechanical stoking do not enable the stoker to be dispensed with entirely for they are designed with the object of correctly distributing to the fire grate the fuel provided in order to eliminate the human element which can waste large quantities of fuel.

The size of the plant, working conditions and other specific factors needing individual assessment will determine the choice of hand firing, mechanical or automatic stoking. Anthracite or coke burning boilers of various types of the sectional pattern are general and are occasionally fitted with automatic stokers. Although automatic as regards temperature control, etc., they need attention for the removal of ashes and clinker and consequently need some skilled attention.

Oil firing during the war years was to some extent helped out by burning creosote and creosote pitch mixtures, non-automatic equipment was adapted to burn these fuels adequately. Automatic plants, however, have not so far been completely adapted to burn these fuels satisfactorily. Oil presents many advantages

in that storage space needed is less than for solid fuels, a general absence of dust and dirt associated with solid fuels, and plant can readily be adapted to meet fluctuating demands according to hospital conditions.

Solid Fuels

Solid fuels, coal and coke for example, are generally the most economical in relation to heat units available per unit of cost. Storage space, however, is an important consideration, and removal of waste provides another problem. Some labour costs must always be allowed for in estimating costs in spite of automatic stoking.

Automatic stoking and thermostatic control are important developments in the working of solid fuel boilers for they ensure ease of working, uniform temperatures and a saving of fuel.

Fuel Oil

Fuel oil is generally more expensive on the basis of heat units available per unit of cost than solid fuels. Except on large installations, little attention is required on this type of equipment and then at infrequent intervals. Equipment may be automatic, semi-automatic or hand-controlled. The usual operation method, however, is by thermostatic control governed by room and boiler temperatures.

Underground storage is usual, but must be at a reasonable level for supply to the burners either by pumps or gravity. Certain local authority requirements need to be fulfilled for oil storage. These are also necessary for insurance purposes.

Gas Firing

The use of gas firing appliances in hospitals is generally restricted to relatively small plants because the cost of gas is higher than for solid fuels. The advantage, however, is that there is no need for constant attention and labour charges are reduced. Thermostatic controls and other devices enable the plant to be operated almost automatically and waste reduced to a minimum. Gas firing is convenient for the heating of hot water radiators in isolated buildings such as clinics that are used only occasionally or at special times. Automatic controls can then be arranged so as to cut in the installations on the days and at the times required. Gas fired boilers can be obtained suitable for any size of installation.

Electricity

The relatively high cost of current has so far prevented the wide use of electricity in steam raising boilers for hospitals. Where electricity is available at low rates it has certain advantages and can present an economic method of heating. Steam raising boilers automatically controlled and consuming electricity direct from high-tension mains at 6,600 volts are practical units. They do not require any attention beyond occasional inspection and internal cleaning as control is completely automatic. Another advantage is the complete absence of a boiler house chimney and the dirt and dust associated with other fuels. Electricity at very low rates is generally restricted to certain hours of the day and even to months of the year. Hospital services in these circumstances could not be maintained at all times with high voltage electrode boilers.

FUEL STORAGE SPACE REQUIREMENTS
AND CALORIFIC VALUES

Fuel	Cu. ft. per ton	Calorific Value B.Th.U.s per lb.	Heat Stored in Therms per cu. ft.
Anthracite ..	40	14,500	8
Bituminous Coal	45	12,000	6
Coke	90	12,000	3
Oil	40	18,500	10

The thermo-electric storage system on the other hand has the advantage that current may be taken under off-peak load conditions at very low rates and the heat derived from the boilers may be stored in suitable storage vessels so as to make the heating, hot water supplies and steam available throughout the day. The capital cost of these installations is high.

(For suppliers of boiler equipment see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

References

- Hospitals and their Boiler Houses*, by H. A. Sandford. THE HOSPITAL, p. 349. Nov., 1945.
More About Boiler Houses, by H. A. Sandford. THE HOSPITAL, p. 403. Dec., 1945.

GAS

Supply

The position regarding the supply of gas is regulated by the Gas Regulation Act of 1920 and a minimum pressure in the mains of 2 ins. is imposed by the Acts of 1929, 1932, and 1934. Generally speaking, however, the working pressure is kept at 3 to 3½ inches. Supplies are always metered and unlike water companies the supply may be cut off after due notice if accounts are not paid. Gas is charged for on the basis of the therm. The gas authority is required to declare the calorific value per cubic foot of the gas it supplies.

Whilst generally speaking technical requirements are not laid down with regard to fittings, the suppliers endeavour to maintain services as far as possible themselves. There is a tendency, however, for internal services to be extended without any notification to the gas undertaking, and in consequence it may ultimately be found that the incoming main is inadequate. If substantial additions are planned it is always advisable to consult the gas authority before the work is begun. The service mains into premises are the property of the consumer and it is his responsibility to maintain them.

Definitions

Therm. The therm is a unit of heat value of 100,000 British Thermal Units. It is the unit by which gas is sold to the consumer under the provisions of the Gas Regulation Act, 1920, which provides that the calorific value of the gas has to be declared (under the previous method gas was charged for per thousand cubic feet). If the declared calorific value of the gas is 500 B.Th.Us. per cubic foot it follows that 200 cu. ft. will comprise one therm.

Service Pipe. The pipe between the authorities main and the cock or valve controlling the supply to the consumer. Sizes depend on the consumption of gas required, the length of run and pressure available and vary from 1 inch for a small house to 12 inches and more for larger institutions.

High Capacity Meters

Meters should not be fitted in proximity of cables or electrical apparatus and the main cock must be near its inlet and easy of access in case of fire. The present range of high capacity meters of 700, 1,200, 1,800, 3,000, 4,500, 6,000, 9,000 and 12,000 cu. ft. hour respectively are suitable for installation in larger buildings.

Gas Fires

With regard to the installation of gas fires Post War Building Study No. 6 recommends that if a gas fire is to be fitted on a floor not formed of fire-resisting material conforming with B.S. 476: 1932, a hearth or slab of incombustible material conforming with the standard should be laid flush with or on the floor. Points for portable heaters should be fitted with a tap of the bayonet fitting plug type complying with B.S. 570: 1934, or with a suitable safety device which has the approval of the gas authority.

(For suppliers of gas equipment see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

References :—

- Gas Equipment in the Hospital Kitchen.* THE HOSPITAL, p. 133. Apr., 1938.
Gas Equipment, Farther Uses in the Hospital. THE HOSPITAL, p. 201. June, 1938.
Some Legal Points in Hospital Engineering, by H. A. Sandford. THE HOSPITAL, p. 313. Oct., 1945.
 Post-War Building Study, No. 6: *Gas Installations.* (H.M.S.O.) 1944.

GLASS

Specifications

When glass is ordered it should be stated that all glass is to be of the type, quality and substance specified. Glass should be described by the recognised trade name, thicknesses and qualities, because of the wide variety of types manufactured.

Types of Glass

Sheet Glass. As sheet glass is a fire-finished product the two surfaces are never perfectly flat or parallel, which accounts for a certain amount of distortion of vision. These properties affect its uses and it is generally specified only where window openings are designed to take small panes (4 to 5 ft. super).

THICKNESSES

18 oz. (approx. 1/12")	26 oz. (approx. 1/8")
24 oz. (approx. 1/10")	32 oz. (approx. 5/32")

Polished Plate Glass. This type of glass is recommended where clear undistorted vision is required and the exterior appearance of a building is under consideration. The two surfaces are ground, smoothed and polished with the object of making the two surfaces parallel to provide undistorted vision. The normal thickness for glazing, ¼ inch, is approximately three times as strong as the normal sheet glass 24 oz. used for windows. It also gives higher sound insulation. Three qualities are available GG for ordinary glazing, S.G. for selected glazing and S.Q. for silvering quality.

Armourplate. This is a suitable glass for partitions in children's wards and mental hospitals as clear vision is provided with the additional safety factor inherent in this type of glass. It is manufactured from clear polished plate glass by a technique of heating and

sudden cooling which results in a strong compression in the two outer surfaces with tension in the centre. If broken it is said to disintegrate into innumerable small pieces not sharp enough to cause serious injury. It also has great resistance to sudden temperature changes.

SIZES AND THICKNESSES

Thickness	Length	Width
3/16"	51"	25"
1/4"	70"	52"
5/16", 3/8"	82"	70"
1/2"	82"	70"
5/8"	70"	52"
3/4", 7/8" 1" 1 1/2"	} available up to 8 sq. ft.	

Wired Glass. This type of glass is approximately 1/4 in. thick and has a fine wire mesh embodied in the middle and is useful for safety purposes and is fire resistant. There are two types, translucent and transparent.

The translucent types are *Georgian Wired Cast* which is reinforced with fine 1/2 in. square mesh wire electrically welded at the intersections: *Wired Cast* which is reinforced with 7/8 in. hexagonal mesh wire and *Wired Arctic* a figured rolled glass with a 7/8 in. hexagonal mesh wire. These types are used for roofs and wherever additional protection is needed.

The transparent types are used in public buildings for windows, doors, etc., wherever clear vision is required together with additional protection. The types are *Polished Georgian Wired* reinforced with 1/2 in. square mesh wire electrically welded at the intersections and *Polished Wired* reinforced with 7/8 in. hexagonal meshed wire.

Prismatic Glass. This is a translucent rolled glass of which one surface is comprised of prisms arranged to refract passing light in a desired direction according to the incidence of light. The other surface is flat. Three angles of prism are made, the first for where the angle of light incidence from the horizontal is up to 30°, the second for angles between 30° and 40°, and third for angles over 40°. It is useful for glazing windows which are overshadowed by neighbouring buildings. It is made in only one quality in sizes up to 60 in. high by 100 in. wide with the prisms running with the width of the sheet.

Cathedral. This is a translucent rolled glass one surface of which has a texture or pattern for use in bathrooms, kitchens, lavatories, etc. The sizes are 100 in. to 120 in. by 36 in. to 42 in. The normal thickness is 1/8 in., but 3/16 in. and 1/4 in. are also available in some types.

Vita Glass. This type of glass which permits the passage of ultra-violet rays is

obtainable in *clear sheet* of 1/10 in. thickness, also *Cathedral* and *Georgian Wired*.

Toughened Lenses. The use of toughened lenses is in roof and vertical panel lights and in all types of reinforced concrete construction where light transmission is required. The lenses which are 6 in. square by 2 in. thick have the same characteristics as armour-plate glass and are claimed to expand if broken and so exert a lateral thrust thereby maintaining their position. For this reason they are said to provide an effective fire barrier.

Glass Blocks. These are translucent units made in two halves and sealed together. They are claimed to be good for thermal insulation, sound insulation and to be fire resistant. Their use is for external or internal walls, staircase lights, panels, bays, partitions and wherever light is required with privacy. The brick sizes are 5 3/4 in. by 5 3/8 in. by 3 7/8 in., several types of corner bricks are available.

(For suppliers of these materials see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

HEATING

(See also Ventilation)

The generally agreed temperature necessary for comfort in hospital wards is 65°F and in domestic parts of buildings around 60°F. and these temperatures should be available when the outside temperature falls as low as 28°F. The maintenance of an adequate internal temperature is dependent upon the method of ventilation, the rate of air change and rate of loss of conducted heat from the building. The general practice in hospitals is to make allowance in designing a heating system for the complete change of air three times an hour (except in special areas, e.g. operating theatres, etc. for which the requirements are tabulated below). Insulation against heat loss from the building is another vital requirement for two reasons, first reduction in running costs and second the economising of fuel supplies.

Insulation

The structural insulation of buildings against heat loss is of great importance now that the national fuel resources must be conserved and the greatest heating value obtained from a smaller quantity of fuel than has been available in the past. It has been estimated that between 75 and 80 per cent. of all heating to maintain comfortable temperatures in a building is required to make good the loss of heat through walls, floors and roofs. The estimated addition to the structural cost of a building with efficient structural insulation is about 3 per cent.

There are three ways of heat transmission, radiation, conduction and convection. Radiation loss is prevented by fitting a smooth and bright aluminium foil to reflect back radiant heat. Conduction of heat is slowed down by using a thin quantity of insulating material (heat will be conducted through a nine inch brick wall approximately three times as fast as through one inch of good insulating material).

In Post-War Building Study No. 19 are suggested maximum values of thermal transmittance. Detailed figures on the thermal transmittance values of various types of building materials will be found in *The Computation of Heat Requirements for Buildings.* (The Institution of Heating and Ventilating Engineers.)

Heat Requirements*

GENERAL HOSPITALS, INFIRMARIES,
SANATORIA AND NURSING HOMES

Assumption—External Air Temperature
30° Fahrenheit

Unit of Hospital	Heating System rise of Tem- perature required °F*	Air changes per hour*
Ward	35°	3
Recovery Rooms ..	40°	3
Dormitories:		
Bed-ridden	35°	3
Ambulant	25°	3
Day Rooms	30°	3
Dining Rooms	30°	3
Staff Rooms	30°	3
Staff Bedrooms	25°	2
Operating Theatres:		
(a) where provided with warm air inlet ventilation ..	50°	2
(b) with intermittent extract ventilation	50°	4
X-Ray Rooms:		
(a) warm air inlet ..	35°	2
(b) extract	35°	4
Entrances	30°	3
Staircases, corridors ..	25°	2
Lavatories	25°	2
Bathrooms	35°	2

Methods of Heating

To attain the required temperatures in all units of the hospital the only practical method is some centralised installation. In England hot water is generally accepted as the most satisfactory method. In America, on the other hand, steam appears to be preferred because of the greater fluctuations in temperature and the fact that steam being at 212°F. has a greater store of heat immediately available for the rapid raising of indoor temperature. In England, even with low pressure of vacuum steam heating the surface temperature of the heating unit is relatively high and leads to a drying of the atmosphere. Another disadvantage of some steam systems is that they are liable to be noisy.

With buildings more than 75 ft. in height a difficulty arises, however, with hot water installations as the static pressure in the pipes

(0.434 lbs. per foot of height) requires far more solid and robust construction than for steam and is in consequence more expensive.

There are two principal methods of heating by hot water, first, heating coils embedded in the plaster of ceilings and walls (the invisible panel system) using the principle of radiation to heat the building, and secondary heating units generally known as radiators using the principle of convection.

Invisible panel system.—The great advantage of this system is that it is entirely hidden in the walls and ceilings beneath the plaster, thereby adding greatly to the appearance of wards in the absence of visible pipes and heating apparatus. In 1938, the British Hospitals Association published the results of a survey carried out in hospitals using this system of heating and the main advantages brought to light were: floor and wall space left free from obstruction, less labour in cleaning and less chance of cross infection due to convection currents. Lack of heated surfaces on which dust can settle and the resulting drop in redecoration costs owing to lack of convection currents blackening the walls were interesting points.

It was found that over a period of twenty years there had been no failures of embedded coils where mild steel piping had been used and cracking was limited to the paint film, except where unsuitable plaster had been used. There was no reason to suspect internal corrosion or scaling as there is no evaporation or replacement of water in the coils.

Radiator Systems.—The radiator system has an advantage in being quicker in bringing about desired temperatures as it works by convection and heating the entire body of the air. In new constructions it is possible to conceal a large measure of the pipework, but in general it is not advised because they are difficult of access for repairs and maintenance.

Hot Water Heating Temperatures.—The recommended operating temperatures for invisible panel systems is not above 130°F. as above this figure trouble is met with the plaster ceiling coils and the radiant effect becomes unduly fierce.

Hospital pattern radiators are found in practice to operate successfully at not more than 150°F. and preferably not more than 140°F. as this gives a reasonable margin. In very cold weather the circulating water temperature can be raised to 160°F. At temperatures above this unnecessarily high local temperatures are caused and a certain amount of drying of the air.

Space Heating.—For temporary buildings, out-patient departments, waiting rooms and areas of the hospital not connected to the central hot water or steam heating system some form of electrical space heating may be found suitable. The common feature of this type of heater is that the heat (which emanates from "black" elements) circulates according to the principles of convection and is distributed equitably through the room. Some of these heaters embody the principle of radiation as well being panels which fit on

* These figures are published by kind permission of the Institution of Heating and Ventilating Engineers, and appear in its publication *The Computation of Heat Requirements for Buildings.*

the centre of a wall. Apart from radiant heat from the heating panel, hot air is circulated quickly and the room is rapidly raised in temperature and then subsequently the degree of heating may be reduced by half.

Heating Special Departments

Operating Theatres.—It will be seen from the chart given above of temperatures for various units of the hospital, that 80°F. is required in the operating theatre. Although this temperature may not always be required it must be attainable. A heating system maintaining this temperature must be associated with an adequate ventilation system otherwise unsatisfactory conditions will result. A suitable mechanical ventilating plant is therefore necessary. Until recently steam has been favoured because of the short time in which the required temperature can be reached, but perhaps hot water panel systems are preferable where theatres are in constant use because as has been stated above there is less likelihood of the atmosphere being dried too much.

These considerations as well as questions of appearance and cleanliness have recently led to the adoption of complete air-conditioning plants. Fresh air drawn from the outside atmosphere through suitable filters, and if necessary warmed by passing it over a heating element, is introduced into the theatre by means of an electrically-driven fan through ducts at the top of the theatre opposite the north light window. An extract fan operating at a slightly lower rate enables the pressure inside the theatre to be maintained slightly above that prevailing outside so that vitiated air is not drawn in through windows and under doors, but warm fresh air under pressure forced out at these places. Humidity control does not appear necessary in the United Kingdom.

Premature Babies Rooms.—Temperatures of 80°F. to 85°F. are required in premature baby rooms where the temperature very often needs to be controlled within very fine limits, as little as 2°F. variation. Humidifiers are also needed. As the size of these rooms is generally small extensive mechanical equipment is not required and electrical methods are satisfactory as they are flexible and capable of very accurate control.

X-Ray Rooms.—Although the temperature required in deep therapy rooms is not so high (65°F.) as required in operating theatres, heating is best provided by warm air inlet and extracted by electric fans as suggested in air conditioning for operating theatres.

Open Air Wards.—In open air wards in sanatoria, generally speaking the head and upper portions of the patients most need keeping warm therefore some form of radiant heating is suggested. Surface panel radiators on the wall or ceiling appear to be satisfactory. Suitable electric radiator panels would also meet these needs.

(For suppliers of air-conditioning equipment, radiators, heating apparatus, stoves etc., see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

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INSECTS AND INSECTICIDES

(See under *Vermin Extermination*)

INTERNAL COMMUNICATIONS

Telephones

Planning

The first decision to be made in planning an internal telephone system in a hospital is whether a Post Office installation should be used for both internal and external calls, or, alternatively, two systems should be used, one for internal calls only, the other for both internal and external calls.

The Post Office and the telephone manufacturers both supply manual or automatic internal systems, of all sizes. An automatic system is more expensive in itself, but is likely to be economical in that it saves operating staff and gives a quicker service. Manual systems may be economical in temporary buildings or where service is required during limited hours; they may also have advantages if calls to and from the public exchange system are much more frequent than internal calls. For ordinary hospitals automatic systems are likely to be preferable, since a quick service throughout the twenty-four hours is needed and the ratio of internal calls to external calls is comparatively high. A survey was carried out a few years ago on the telephone needs of 200 hospitals large and small, and the conclusion reached was that out of every 100 calls 85 were found to be purely internal and 15 external. In the same survey it was found that on the average 2 per cent. of the extensions were needed for external calls only, 78 per cent. for internal use only, and 20 per cent. for both internal and external calls.

Automatic Systems

Automatic systems fall, broadly speaking, under two heads; the direct calling or multiple cable systems, and systems working from central switching equipment. Either type requires a small manually operated switch-board to handle incoming calls from the public system (outgoing calls to the public system can generally be put through automatically) except in the case of duplicate systems not providing for outside calls.

Direct Calling

Direct calling systems consist of two or more instruments each of which is fitted with the same number of selectors (buttons or keys) as the number of extensions. Each instrument is thus its own small self-contained exchange. All the instruments are connected by means of

multiple cable. A 20-line installation will need 20 buttons on each instrument and a 25-way cable. These systems are limited to small installations, and are uneconomical for serving scattered points, or for buildings in which frequent changes of wiring may be necessary, because of the high cabling costs.

There are two small systems of this type that can be rented from the Post Office; one provides for one exchange line and up to five extensions, the other two exchange lines and up to ten extensions. These can, of course, be used for both internal and external calls.

Switching Installations

For larger automatic installations the switching system must be used, in which the bulky cabling of the direct calling system, interconnecting all the telephones, is replaced by individual wiring from each extension to the central automatic apparatus. An ordinary dial telephone is provided, and calls are obtained by dialling the required extension number. On systems provided by the Post Office the extension can, if required, dial straight through to the public exchange, and the dial may have either numbers only or letters and numbers according to the type of public exchange to which the installation is connected. The central automatic equipment is generally arranged so that the installation can be increased in size without recabling if additional extensions are required, and the system is therefore much more flexible than a multiple cable system of the direct calling type.

The terms under which internal telephone systems are supplied vary, and should be scrutinised carefully when the costs of various types are being examined. If the ultimate size of the installation is unlikely to exceed 50 extensions an automatic system can be obtained on rental terms from the Post Office. For larger installations to be used for outside calls as well as internal the equipment must be bought from an approved contractor by agreement with the Post Office: the Post Office will in this event supply the wiring and telephones, and maintain the whole system. The agreement with the Post Office for either small or large system will be for a period of five years. If a purely internal system is to be used, in addition to a Post Office system (manual or automatic) for outside calls, this must be obtained from a telephone contractor, who will generally maintain it. The terms of the agreement, and the period for which it will run, vary from contractor to contractor. Rental and outright purchase should be compared with care, since although it may be generally true to say that rental terms are preferable for a short period and purchase for a long period, it is not possible to lay down any hard and fast rules, and the decision must depend on the circumstances of the particular case; the quality of maintenance and the danger that purchased equipment may become obsolete over a period of years must in particular be borne in mind.

Automatic Facilities

The facilities given by various automatic systems also differ a good deal. All such systems maintained by the Post Office can provide for outside or exchange calls as well

as internal calls; exchange calls can be barred on any extension as required. Access to the public network for outgoing calls is given by direct dialling; incoming calls are handled by the switchboard attendant, who puts them through to the required extension. With the latest type of equipment an incoming call can be held while the extension user, by means of a press button on his telephone, makes a call to another extension for enquiry, etc.; the extension user can then return to the incoming call and either complete it or arrange for its transfer to another line (on some types the transfer can be made automatically).

Automatic systems without access to the public exchange offer additional facilities not at present provided by the Post Office. Certain extensions can be fitted with a priority call system, which enables a principal to get through even though the extension required may be already engaged. Loudspeakers can also be fitted to extensions where it is essential that both hands should be free while the call is in progress; the loudspeaker or handset may then be used at will, the lifting of the latter automatically cutting off the loudspeaker and permitting speech to be received only in the handset receiver. Staff and code calling as well as fire alarm facilities are possible on these systems. The facilities are useful, but may not outweigh the disadvantages of having duplicated telephones and wiring.

Although, generally, an automatic system (Post Office or private) is likely to be the best for hospitals there are at present difficulties in obtaining this type of equipment. The Post Office and the telephone manufacturing industry are playing a very full part in the national export drive, and the success with which British telephone equipment can be sold overseas has led to a severe curtailment of the amount available for the home market, whether for private installations or for Post Office exchanges. It may, therefore, be necessary to arrange for the installation of manual systems as a temporary measure until automatic systems (whether connected to the public network or not) become more readily available.

Staff Location Systems

Staff location and signalling systems fall into two major categories, those which call only one place at a time and are in consequence equivalent to telephones but not so efficient, and those where several stations are called simultaneously. Of the latter method there are three types of signal, lights or indicators and bells or buzzers, also loudspeakers. Installations using all three of these types of signal in combination have been made in hospitals.

Types of System

There are three types of system employing sound and visual signals in common use for staff location which may be used in the hospital from a central station by matron, doctors or other senior officials. The signals are generally originated from the telephone operator's switchboard.

(1) Systems using a single lamp or buzzer at each signal point. These employ code signals similar to morse, necessitating the allocation of a

code signal to each person who may be called. This is generally restricted to where few code signals are required. Although audible signals are more likely to attract attention, visual signals are more likely to find favour in the hospital for reasons of silence.

(2) Systems employing two, three but not more than four lamps at each signal point. These have coloured lights or illuminated stencils which may be operated in various combinations. This again necessitates the allocation to each person of a special combination, and the number of combination signals is dependent on the number of lamps included in the signal unit.

(3) The electro-magnetic indicator system. One type consists of a pointer rotating round a dial with numbers on it each number corresponding to a person to be called. A similar system can be incorporated in the electric clocks.

Before a staff location system is installed immediate and eventual requirements should be ascertained so that plans can be drawn up showing the type of installation, the accommodation required and the chases and conduits required. A British Standard code of practice on Staff Location Systems is in course of preparation.

Patient to Nurse Systems

There is another special application of staff location in the hospital, the installation of some method of patient to nurse communication or a nurse call system. There are three basic principles, signal lights, buzzers or bells and loudspeakers, also systems employing all three in combination.

Signal Light System. In the signal light system indicators can be placed wherever the nurse is likely to be, duty room, dispensary, ward kitchen, etc. These lights register the call and show which ward is calling. In the ward itself a lamp tells the patient that his signal has been registered, while the pressure of a button when the call has been answered extinguishes all signal lights.

This type of system always has the advantage of completely silent working with the minimum disturbance of patients. There is, however, the disadvantage that the light signals can only be placed in a certain number of positions and they cannot always be seen by the nurse. In large institutions if the nurse is required by the sister she may need to telephone to receive the instructions.

Bells or Buzzer. Although bell and buzzer systems cannot fail to be noticed and have the advantage of getting round corners from which light signals are not visible they have the great disadvantage of being irritating to the nerves and increasing the noises of the hospital when every effort has been made to keep the institution as quiet as possible. Both this system and the light system have the disadvantage that the requirements of the patient need first to be found out before any action can be taken and may entail much unnecessary walking or telephoning for instructions.

Loudspeaker Systems. Loudspeaker systems can be in the form of either a two-way loudspeaker or a patient to nurse microphone and loudspeaker. One type enables the patient to speak after pressing down a switch which interrupts the wireless programme in the nurses'

room and the patient's message is relayed in its place. Provision is also made for automatic light signals to be given both in the nurses' room control board and outside the patient's room. A buzzer can also be sounded when the switch is pressed upwards if a nurse is urgently required.

The second type provides two-way conversations, signal lights both outside the patient's room and at the master station, and the sounding of a buzzer at the control as well. Calls can be accumulated if more than one patient calls and answers in rotation. An earphone for private conversations, cutting out the loudspeaker, can also be used.

Finally, there is another system which has been installed as a result of an analysis of the calls in the above system where out of 4,000 calls from patients only 5 per cent. required an answer from the nurse. This is one giving verbal communication from patient to nurse only. When the patient switches on the microphone the same switch lights a signal lamp in each ward connected with the system and warns other patients that a microphone is in use. When the lamp is extinguished the circuit immediately becomes available again.

(For suppliers of this equipment see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

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LAUNDRY

Organisation. It is impossible to lay down hard and fast rules for guidance regarding plant lay-out as buildings and requirements differ even when an entirely new plant is under consideration. Advice, however, can be obtained from the British Launderer's Research Association or any reputable firm of laundry engineers.

The main point to be borne in mind is that broken continuity means work standing still, so work should be kept on the move. The following are the sections of the laundry in order of the flow of work in a system of "straight through flow."

Reception. The reception area should be a separate room or a clearly defined area and must be definitely maintained as such. A speedy sorting and checking flow cannot be established if sorters do not know where to find loads.

Sorting Section. Every article processed should pass through here and be counted and tabulated. The sorting room should be controlled by a person who has adequate experience of checking linen in all its phases. Speed and accuracy are essential. Classifying of any doubtful articles should be done in conjunction with the chief washroom employee.

Washing. The washroom should control

the rate of flow through the plant itself and washing capacity required should be ascertained and kept up to date. This includes all processes for soiling and stain removal, also hydroing.

Drying. All drying processes should be included in this section whether by continuous dryers, drying tumblers or static drying rooms, but not as is sometimes thought "airing off" after ironing.

Calendering. On the calendering machine itself six points require constant control:—

- (1) The correct steam pressure for bed(s) and roller(s).
- (2) The correct size inlets for steam.
- (3) Efficient steam trapping for condensate from bed(s) and roller(s).
- (4) Regular operation of air vents and by-passes on condensate lines.
- (5) Strict attention to clothing on rollers.
- (6) Operating speed in accordance with the prevailing conditions.

Pressing and Ironing. Presses are gradually finding favour with hospital laundries and are a necessity for speedier output with less staff and with proper control will considerably reduce operating and processing costs.

Packing. Packing is of vital importance as it can impede the flow of the whole plant. As there is a steady flow of articles through the calender so there should be a steady flow of articles being classified.

Despatch. As with reception a definite area or room should be allocated under strict control to ensure correct return of all work to its source of origin.

Essentials of Good Washing

A satisfactory definition of good washing is the thorough removal of soiling substances from fabrics without causing damage. These factors need to be considered carefully if this is to be achieved. (1) Attention must be paid to steam and water supplies; (2) washing machine operation; and (3) use of suitable detergents.

Water and Steam

Water, to be best suited for laundries, should be softened to within 2° of zero hardness and should be available in ample quantities. A plentiful hot water supply at not less than 160°F. is also required. Steam supply should be dry and at a pressure sufficient to bring to the boil in five minutes the contents of a washing machine filled with hot water to a cage dip of 5 ins. Piping of hot and cold water and steam to each machine is an essential.

Hard water should not be used for rinsing, because although lather is killed quicker, it leaves some of the soap in the work as lime soap and may give rise to black specks in the work and the need for re-washing with consequent extra expense.

Hot water is necessary to enable washing and rinsing to be done speedily. This avoids undue rubbing of the work and reduces overhead costs by increasing the daily output of the machines, for expensive delay can be caused by heating water in the machine from cold for later washes.

Operation of washing machines

To guide the operator dip gauges and thermometers are essential for efficiency of working a washing machine. The dip gauge should be marked to show the maximum depth of fluid in the cage of the machine, i.e. the inner perforated cylinder into which the work is loaded. Monthly checks of dip gauges should be carried out by comparing the gauge reading with various depths of water measured by a ruler.

Laundry thermometers are usually of the mercury in steel or vapour types; for efficient working it is necessary for them so to be placed that wash and rinse liquors flow round them freely. They should be checked once a month against one of the mercury in glass or alcohol varieties and should give readings within 5°F of the true temperature.

White Work

It has been suggested that although many institution laundries give white work (sheets, pillowslips, towels, white coats, aprons and print shirts, etc.) only one wash lasting about 30 minutes during which time the water is raised from lukewarm to boiling, the more efficient method of dirt removal is to give work two or three short washes at rising temperatures. This method removes the dirt in stages and it is claimed practically eliminates the danger of redepositing dirt on the load. If adequate steam and water supplies are available this method takes no longer than the old method.

A suitable formula for white work is:—

Operation	Dip in.	Temp. Deg. F.	Time Min.	Supplies
Break-wash	5	110	10	Soap and builder
Wash	5	150	10	" "
Boil ..	4	200	15	" "
Rinse	10	160	5	—
Rinse	10	130	5	—
Rinse	10	100	5	—
Rinse	10	70	5	(Blue)

The above times include time for draining and filling the machine, assuming supplies of hot water and steam are adequate. Drainage times of half a minute after washes and one minute after rinses are generally adequate. For radially divided D. and Y. machines these times may have to be slightly increased. One essential point, however, is to maintain an adequate lather throughout all washing operations in order to maintain in suspension dirt removed from the load.

Bleaching

A bleach will be necessary to remove many common stains like tea, coffee, etc., which will be left after using the above formula, although it is satisfactory in most cases except for heavily soiled white work. If bleach is properly used there is little to fear from loss.

of strength in the fabrics. In addition to removing most stains the commonest laundry bleach (sodium hyopchlorite) has a very effective germicidal action, a very important factor in the hospital laundry.

Sodium hypochlorite, the commonest bleach, is usually supplied as an aqueous solution with its strength quoted in available chlorine content (usually 14 per cent.). It is often sold under brand names. The correct amount to use is from 6 to 12 ozs. of the 14 per cent. solution per 100 lbs. of load, depending on the amount of staining of the work. The upper limit of 12 ozs. per 100 lbs. of work should never be exceeded. Strong bleach should be diluted in a pail of cold water before use. The first rinse is the most effective time to use bleach and the above rinsing should be modified as given in the table below.

For removal of stains unaffected by this treatment see under *Stain Removal*.

Thorough rinsing is essential because irritation of the skin can be caused by alkaline substances left in the finished work, also yellowing of white work during ironing.

Operation	Dip in.	Temp. Deg. F.	Time Min.	Supplies
Rinse ..	7	160	10	Bleach
Rinse ..	10	130	5	—
Rinse ..	12	100	5	—
Rinse ..	12	70	5	Blue

Standard Loadings of Machines

Overloading of machines reduces the amount of agitation to which the work is subjected and prevents the production of good washing. Three-and-a-half pounds per sq. ft. is the generally accepted maximum desirable for most metal machines doing white work and three pounds per sq. ft. for wooden machines.

STANDARD LOADINGS

Cage Dimensions Diam. Length In. In.		Dry Load lb.
28	× 42	55
34	× 42	75
34	× 54	100
34	× 72	130
38	× 54	125
42	× 84	235

Woollen and Silk Articles

Gentler methods are needed to wash woollens and silks than those for linens and cottons. Dips should be increased to 10 ins. for all washes and the wash temperature should not exceed 100°F.

Operation	Dip in.	Temp. Deg. F.	Time Min.	Supplies
Wash ..	10	100	10	Soap
Wash ..	10	100	10	Soap
Rinse ..	12	100	5	—
Rinse ..	12	100	5	—
Rinse ..	12	80	5	—

The above formula is suitable for most woollens and silks. Excessive rubbing should be avoided as this causes "felting." Machines
(continued on page 732)

Key to Straight-Flow Layout—continued from next page).

- kets unless special precautions are taken against excessive temperature and friction.
- 20. Presses for white coats, pyjamas, bed jackets, nurses' overalls, preferably of the Twin Rapid Type.
- 21. Sleeveers, for use on white coat sleeves in conjunction with presses.
- 22. Hand-ironing tables.
- 23. Drying cabinet—blankets, etc.
- 24. Long, sub-divided bins for holding hydro work awaiting preparing.
- 25. Table for holding prepared work prior to feeding.
- 26. Calender—can be single roll of small or large diameter, short or long, or twin roll, three, four, even up to eight rollers of various methods of operating. The size and type depends entirely on amount and proportions of work to be processed, together with available steam pressure. The machine as allowed for on plan is

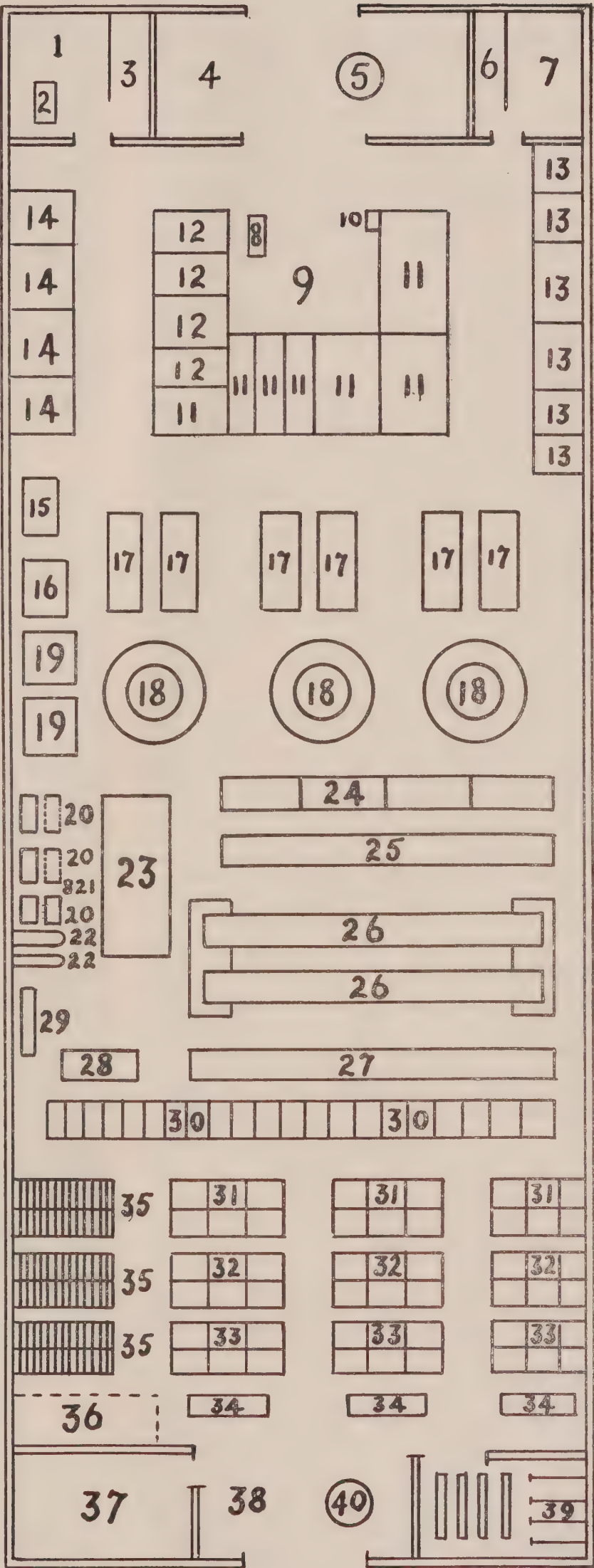
- 160 ins. long by 24 ins.—124 ins. diameter self-contained again.
- 27. Table for reception of folded articles from calender prior to sub-racking.
- 28. Table for reception of finished articles of staff personal work prior to sub-racking.
- 29. Sock form drier for operating socks and staff socks or stockings.
- 30. Sub-racking racks for ward and staff personal work. They provide a swift and easy method of re-assigning work to its destination.
- 31. } Racks for holding ward work prior to
- 32. } packing.
- 33. }
- 34. Tables for checking work prior to packing and forwarding to dispatch.
- 35. Racks for personal work.
- 36. Storage area for boxes for personal work.
- 37. Canteen.
- 38. Despatch room.
- 39. Toilet and cloak room.
- 40. Office built-over despatch department.

KEY TO STRAIGHT
FLOW LAY-OUT

(Diagram reprinted from an article by G. E. Beckett, *Hospital Laundry Control* : (1) *Principles and Plant Lay-out*, THE HOSPITAL, May, 1947, p. 225.)

- 1. Fitters' workshop.
- 2. Air compressor for operation of air controlled presses.
- 3. Fitters' "spares" stores.
- 4. Reception.
- 5. Built over reception should stock solution tanks for processing together with storage tank for zero soft water.
- 6. Stores for salt, soap, alkali stocks, etc.
- 7. Water softener.
- 8. Table or sorting booth for operator(s) sorting and marking staff personal work.
- 9. Sorting department.
- 10. Table or desk for use of charge-hand i/c sorting and reception.
- 11. Large bins for sheets, draw-sheets and suchlike large articles. These bins are so constructed as to be of easy access for sorters and, on opposite sides, by wash-house men.
- 12. Small bins of similar construction for staff personal work.
- 13. Tanks and porcelain sinks for stain removal department.
- 14. Sinks, etc., for handwash.
- 15. Starching machine for cuffs, collars, etc.
- 16. Small "end loading" two-speed washing machine for silks, woollens and other finery of staff work.
- 17. Large washing machines for handling ward work. These machines are self-contained electric drive and stand back to back. They are coupled in pairs by a thermostatic steam and water mixing valve which eliminates the necessity for hot water storage capacity. Cold water is fed through the same valve. Only one machine of each pair can be filled or emptied at one time thus ensuring a balanced cycle of washing operations throughout the washhouse.
- 18. Hydros. Self-contained electric drive. Their size is controlled by the capacity of washing machines.
- 19. Drying tumblers for use when drying towels (all types), babies' napkins, body-linen, etc., but not woollen underwear or blan-

(contd. on opposite page)



A Straight-Flow Plant Lay-out.

(Woollen and Silk Articles—contd. from p. 730)
of small diameter, 34 ins. maximum, are recommended. Pure soap only should be used as very alkaline wash liquors tend to yellow wool.

Soaps in the Laundry. (See also Water Softening)

The temperature in degrees centigrade at which fatty acids solidify is called the titer of a soap. Low titer soaps (under 25 deg. C) dissolve readily in lukewarm water. High titer soaps (over 35 deg. C) however, need hot water for preparing the solutions. The lather for high titer soaps can be maintained during a boil whereas low titer soaps do not give a stable lather in hot water.

Soaps for laundry purposes are usually purchased in flake or powder form, the flake soaps containing approximately 88 per cent. of pure soap and the powdered types about 92 per cent. One of the advantages of flakes and powder over the bar form, quite apart from the latter's high water content (approximately 30 per cent.), is that owing to their greater surface area per lb. they dissolve far more easily. Care should be taken not to buy a soap powder containing little real soap and a large amount of soda, for although dry to the touch it has a large water content and is consequently uneconomical.

As the initial soap operation in the laundry process is usually carried out at temperatures between 100°F. and 120°F. in order to avoid the coagulation of albuminous materials—blood or pus for example, and to avoid the setting of fruit stains, soap used in the break must be of the low titer type. The same applies for woollens and silks or fabrics with fugitive colours. For cottons and linens, however, a higher titer soap is necessary as the temperatures for hot suds operations are considerably higher, 160-200°F.

Soapless Detergents

Many varieties of soapless detergents have been developed in recent years which are suitable for use in the laundry. Among these are some which are in no way dependent for manufacture on natural fats and are manufactured from a by-product of petrol refining, and after a chemical process the resulting product is a mixture of the sodium salts of the corresponding secondary alkyl sulphates. This type of product is claimed to be most effective in low temperature washes such as for woollens and coloured cloths, and can be used without any loss of efficiency in hard water.

(For suppliers of laundry equipment see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

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LIFTS

In the hospital there is the nature of the traffic to be taken into consideration, with regard to lift installation. Cars may be required to deal with stretchers and also the attendants, beds, wheel-chairs or other cumbersome articles, consequently an internal car size of 7 ft. × 3 ft. is desirable with 6 ft. 8 ins. × 2 ft. 6 ins. as an absolute minimum. For normal passenger traffic the space required per passenger is estimated at 1½ to 2½ sq. ft.

There is a wide choice among available makes and each maker has his own method of achieving controls and designs to suit specific hospital needs. With bed lifts the important considerations are: smooth starting and stopping, not too rapid acceleration, and that it should be as silent in operation as possible both with regard to the motor and the doors and gates.

Regarding speed it is suggested that about 150 ft. per minute is the most suitable for bed lifts, but for staff and passengers about 200 ft. per minute appears to be adequate where the building is limited to two or three floors.

Control Methods

The internal push button method from within the car appears the most suitable method of control for hospital purposes as the lift can then be used by anyone day or night and few hospitals are in a position to need a full time lift attendant. Care must be taken to see that locking arrangements are adequate and that once the car has started its journey all gates are automatically locked and the car cannot be intercepted on an intermediate floor.

References

- Hospital Lifts*, by H. A. Sandford. THE HOSPITAL, p. 335. Aug., 1946.

LIGHTING

(See under Artificial Lighting and for Emergency Lighting see under that head)

LINEN, CARE OF

(See under Textiles)

MATTRESSES

(See under *Beds*)

METALS

Definitions

Drawn Metal. The process of drawing cold sheet or strip metal through a die by tension. It is possible to work a wider range of metals by this method than by extrusion. The metals used are also generally thinner than those used in the extrusion method.

Electro-Plating. The method of depositing metal or metal alloys for decorative or protective purposes on another metal by means of electric current. Metals which can be electrolytically deposited in this way are cadmium, chromium, copper, gold, nickel, silver, tin and zinc. Iron and steel are often protected from rusting in this way by zinc or cadmium.

Extruded Metal. The process of heating and forcing a non-ferrous metal, by pressure, through a die. An extremely wide range of shapes can be produced by this method.

Characteristics and Uses

ALUMINIUM

Aluminium is the lightest metal in normal use, having a specific gravity of 2.71. It has many uses in the hospital, among these are kitchen equipment and as kicking plates on doors, furniture fittings and in various sheet applications. The protective action of a spontaneously forming oxide on the surface of this metal renders it highly resistant to atmospheric corrosion particularly in indoor atmospheres. It is, however, attacked readily by some corrosives. The wrought alloys of aluminium need to be divided into two categories: (1) those which obtain their maximum mechanical properties by heat treatment; and (2) those which are not susceptible to heat treatment and which harden by working. A very wide range of alloys is used, many of which have been developed for specific purposes such as marine work and aircraft. Nickel, manganese, copper, silicon, magnesium and even chromium and titanium are all used to impart special qualities. Anodic oxidation increases its resistance to corrosion considerably, but provides a matt surface; this coating may be dyed any colour, on the other hand it can be either opaque or transparent.

It is obtainable in several forms: forged, sheet and plate and extruded. Forged aluminium can be used for door furniture and fasteners—also for casement stays.

Sheet and plate are the finished material from the process of hot and cold rolling from a cast ingot. This material can be used for roofing, duct systems, guttering, casings and panelling. Extruded sections are fine in texture, with uniform density and can be produced in almost any shape.

COPPER

This metal, owing to its resistance to corrosion, has an almost unlimited life. The familiar greyish green colour of copper roofs which is acquired by this metal on exposure to the weather is its own oxide protection. The

bright metal although it may take some years to acquire this skin of oxide does not require any further protection from corrosion. Copper has an extremely wide range of applications. In sheet or strip form it can be used for roofing and parapet gutters. Other uses are: flashings, eaves, gutters, down pipes, damp proof courses, tanks, cylinders, lightning conductors and even as a facing to plywood. In tubing and pipe form it can be used for hot and cold water systems, radiators, panel and convection heating systems, ventilating pipes, and electrical purposes.

CORRUGATED IRON

Sheet lengths of corrugated iron vary from 4 feet to 12 feet, but the normal maximum length is generally 10 feet. The sheets are made a definite number of corrugations in width and in the heavier sheets vary from 3 to 5 inches per corrugation. The thickness is measured in Birmingham Wire Gauge and for better class work the thicker sheets 16 to 18 B.W.G. are used. For ordinary purposes 20-24 B.W.G. is adequate and the lightest 28 B.W.G. is only used for temporary purposes. The sheets need to be fixed to roofs by special hooked bolts. The normal overlap allowed is one corrugation for the sides and about six inches for the end lap.

STAINLESS STEEL

Stainless steel owes its stainless properties to the presence of chromium as an alloy, the greater the content of chromium the more resistant it is to corrosion. Surgical instruments are made from steel containing about 14 per cent. of chromium. This type of steel can be hardened to provide a perfectly satisfactory cutting edge. It can also be hardened and tempered to give the combination of toughness and spring required in other types of instruments. Bowls, beakers, jugs, cans, pans, sterilisers, tables, lockers, trolleys and operating tables are produced from a type of steel containing 18 per cent. of chromium and about 8 per cent. of nickel. This has been found very strong and highly-resistant to corrosives.

The resistance to corrosion of stainless steel is closely bound up with the properties of an invisible oxide film which grows spontaneously on the surface and can only be removed by chemical attack under conditions for which the use of stainless steel is not recommended.

Corrosive Reagents. Although stainless steel is safe to use with carbolic acid of any strength the manufacturers do not recommend it to be left in contact with hypochlorite solutions, particularly the acid type, for more than a few minutes at the time. Mercuric chloride solutions are other corrosive fluids and stainless steel is not recommended for use with them. Resistance to dilute iodine solutions is adequate under conditions of complete immersion, but if only partly immersed or should iodine drops be allowed to dry up, serious pitting may occur.

References :—

- Stainless Steel.* THE HOSPITAL, p. 36. Jan., 1938.
Stainless Steel. THE HOSPITAL, p. 323. July, 1949.
 Post-War Building Study, No. 13: *Non-Ferrous Metals.* (H.M.S.O.)

MICROFILM(See under *Records*)**NOISE REDUCTION**(See under *Acoustic Treatment*)**NURSE CALL SYSTEMS**(See under *Internal Communications*)**NURSING STAFFING STANDARDS**

This subject is dealt with in a report *Nursing Staff, Considerations on Standards of Staffing* published by King Edward's Hospital Fund for London in 1945. This report deals fully with the factors to be taken into account when assessing staff requirements both for hospitals of all types where the main considerations are space and size of wards, the size of the domestic staff and the reserve of nurses to replace those on leave or sick, and in addition the special factors to be considered in training schools.

Ratio of Nurses to Patients

A survey was made by the committee, whose findings were embodied in the report, of the number of staff actually engaged at the time per hundred beds (sisters, trained staff nurses and student nurses) in a 700, 600, 400, 200, 145 and 112 bed hospital respectively, all of which were training schools. From the figures obtained, the number of nurses needed in each case to work a 96 hour fortnight was calculated. The actual hours worked under existing arrangements which varied from 95 per fortnight to 132 per fortnight, was the basis for the calculation. The ratios obtained varied considerably from 65 nurses to 100 beds down to 48 per 100 beds. But it was considered that even at the hospitals with the highest ratios the numbers were insufficient to meet all requirements and the report suggested that a ratio of 70 ward nurses to 100 beds made up as follows might be considered by hospitals in the light of their individual requirements:—5 sisters, 5 trained staff nurses, 10 4th year student nurses, 50 1st to 3rd year student nurses.

Further information on this subject regarding its wider implications will be found in *The Report of the Working Party on The Recruitment and Training of Nurses* and also in *The Minority Report of the Working Party*.

References :—

Nursing Staff, Considerations on Standards of Staffing. Published for King Edward's Hospital Fund for London by Geo. Barber and Co., Ltd. (Price 6d. net, post free.)

Report of the Working Party on the Recruitment and Training of Nurses. Chapter XIII. *The Effects on Staffing of Converting to a Three-Shift System and Student Status and the Problem of Assessing Future Nursing Requirements*. (H.M.S.O., price 2s. 6d. net.)

Working Party on the Recruitment and Training of Nurses—Minority Report. (H.M.S.O., price 1s. 6d. net.)

**OPERATING THEATRES—
EXPLOSION RISKS**

There is always the possibility of fire or explosion during the time that anaesthetics are being administered owing to the formation of explosive mixtures, and this makes essential the taking of special precautions in the operating theatre.

Main Causes of Explosions

There are four main causes of explosions, (1) the use of hot wire such as cauteries, (2) sparks at the contacts of, or breaks in, electrical equipment, (3) sparks caused by frictional electricity and (4) the possibility of defective action of high-pressure gas equipment.

Explosive Anaesthetic Mixtures

Explosions of anaesthetic vapours, having an electrical origin might often have been prevented had the electrical conditions of such ignition been known. The proportions of ether-oxygen and air within which ignition is possible vary with the type of source. With hot wires such as cauteries ignition can occur within limits as wide as 3 to 80 per cent. of ether in oxygen. With sparks in general, however, the limits are much narrower. Second only to hot wires as a possible risk are the fizzling sparks at a slow intermittent break of circuit between fine wires. When the current is kept below certain well-defined values ignition can always be prevented. Ether mixtures are particularly sensitive to the rise of voltage at break of circuit. At tests carried out before the war, it was found that when keeping the mixture of ether constant at 14 per cent. the least direct current that caused ignition at 50 volts was 0.65 amp., at 40 volts this rose to 2.75 amp., and at 30 volts ignition could only be obtained by currents well above 10 amp. The advantage of using low voltage apparatus can scarcely be exaggerated though clean breaks are not a likely source of ignition.

Conclusions Drawn from Experiments

(1) Cauteries or heated metals are highly dangerous when in contact with ether-oxygen or ether-air mixtures. Ether is too inflammable to be used in any proportions where there are possibilities of such ignition.

(2) The temperature of an inspection flash lamp bulb is far below danger limits.

(3) A local hot spot in the leads due to a broken wire, or a bad connection at lamp terminals, might be sufficient to cause ignition if they reach the critical temperature.

(4) Ignition by a.c. break sparks between fuse wires—or by broken wires—is always easier than by d.c. probably because of inductance. With a.c. there is no lower limit of voltage at which the risk of ignition is negligible.

(5) The use of small a.c. inspection lamps should be discouraged.

Buffer Resistances Required

The results of work on ignition sparks showed that the inherent or buffer resistances of the circuit and battery should be at least twice the limiting resistance shown in the in the following table:

R.M.S. voltage	Least igniting current, amperes.	Circuit resistance, ohms.	Ratio, d.c./a.c.
2	over 4.6	0	8
4	3.0	1.33	5.0
6	1.75	3.25	8.0
8	1.17	6.66	11.3
10	0.80	12.5	15.0
12	0.55	21.8	20.9

Further Precautions

To eliminate the risk of contact sparks all switches installed in the operating theatre should be of the sparkless type, consisting of a sealed contact tube containing mercury, operated by a semi-rotary movement. Otherwise gas tight housings should be used. Three pin interlocking type plugs, which prevent the withdrawal of the plug if the circuit is closed, should be used, and the switch controlling the outlet should also be of the sparkless type. All electric motors and control gear for fans, etc., should be placed outside the anaesthetic zone, but if voltage regulators are required in the theatre they should be pre-set and totally enclosed and flame proof as should all other electrical equipment which needs to be in the theatre.

Static Electricity

With regard to static electricity resulting from friction, this depends on the atmospheric conditions prevailing in the theatre, and although in this country the humidity of the atmosphere is generally sufficient to prevent the heavy build up of static, precautions should be taken.

Electrification of a frictional character can often be generated by the movement of dry fabrics such as the removal of a blanket from a patient or trolley and may result in dangerous electrification of equipment sufficient to produce a spark capable of igniting anaesthetic vapours. The risk becomes very small if the humidity is as high as 65 per cent. A warm blanket from a hot cupboard, however, may require a long time to attain hygrometric equilibrium with the surrounding atmosphere.

Trolleys and other equipment do not hold their charge long in a humid atmosphere, but any tendency for the air to become dangerously dry can be checked by reference to a wet and dry bulb thermometer and, if necessary, danger averted by the use of air-conditioning.

All metal trolleys, stands, and so on, which are on metal insulated feet should be earthed at all times with brass or copper trailing chains screwed to the trolleys at two points. If the operating theatre is fitted with rubber flooring this should be of the conducting type. Trolley tyres could be of the same material.

References :—

Explosions in Hospitals—Risks due to Static Electrification of Equipment in Operating Theatres. THE HOSPITAL, p. 329. Sept., 1938. (Reprinted from THE ELECTRICIAN.)

Fires and Explosions in Operating Theatres, by J. Thomlinson. THE HOSPITAL, p. 201. April, 1949.

OUT-PATIENTS' APPOINTMENTS

(See under *Appointments for Out-Patients*)

PAINT AND PAINTING

Specifications

For the preservation of buildings regular painting is an essential. The importance of preparing proper specifications for work to be done needs to be emphasised. In new buildings the architect is responsible for paint specifications, but for later work and preservation different specifications will be necessary. This is because if the original work was not well done or too long a period has elapsed since re-painting, stripping will be necessary. If the paint work, however, was done well, rubbing down and stopping will take the place of stripping. If a different type of paint is used from the first time some modification in specification will anyway be necessary.

With regard to the specifying of paints in Post War Building Study, No. 5, which deals exhaustively with the whole subject of the painting of buildings, it is suggested that the framing of specifications is a difficult matter. After stressing that skill in preparation of the surface is as vital to good performance as the quality of paint used, the survey suggests the following alternative methods of specification as most likely to give satisfaction:

(1) Supply a list of not less than three proprietary brands of paint, known by experience or repute to be of the type required for the purpose. Paint should then be selected from this list and used in accordance with the manufacturers' directions. This places reliance on the reputation of the manufacturer—and every reliable firm regards its reputation as one of its most valuable assets.

(2) The purpose for which the paint is to be used should be specified. The paint must also be of the type recommended in P.W.B.S., No. 5, as suitable for that purpose, and that it shall be of ingredients which conform to the British Standards.

It is also suggested that once specifications have been adopted painters should be required to work to them and an inspection clause and examination of material clause should be included in the specification.

Purpose of Paint

Dependant on its correct application to the surface it is designed to protect, a suitable paint creates a durable film which is proof against atmospheric attack and other wear for some time. On interior surfaces paint should have satisfactory light reflection value. (See *Artificial Lighting* for reflection values of various surfaces.)

The most generally used paint is oil paint. Varnish has been in use for centuries and in recent years scientific research has made available several other varieties. The types available are oil paints, synthetic paints, varnishes, cellulose finishes and water paints.

Oil Paint

Oil paints are composed of a mixture of dry pigments ground in a medium of oil and

sometimes varnish, and thinned to a suitable consistency with turpentine or mineral spirits. Pigments may consist of a wide range of substances including white lead, zinc oxide, titanium oxide, lead chromate, ultramarine or Prussian blue. These must not fade or change under exposure. Linseed oil is the most commonly used drying oil although Tung oil, also known as China wood oil, is another important oil used mainly for the preparation of hard gloss paints. Thinners, turpentine and in more recent years white spirit, are added to reduce the viscous consistency of the drying oil and make the paint easy to apply. As the paint would take three to four days to dry if made with linseed oil alone, small quantities of "driers" are added. These are compounds containing lead or cobalt and terebine which speed up the drying and make it possible to touch the paint with a few hours of application without disturbing the surface.

Flat finish paints can be obtained by adding turpentine or mineral spirits and reducing the proportion of linseed oil. The addition of varnish in the right proportion with the pigment will produce enamel, which also contains heat treated or boiled oil to make it spread better and give a finer finish and eliminate brush marks. Egg shell finish is a medium glaze between matt and glossy.

Synthetic Paints

Whereas natural oils or gums are uncontrolled products as regards actual quality, synthetic oils and gums can be standardised in manufacture and repeated with accuracy. These synthetic substances should not be taken as mere substitutes for the older varnishes but are claimed to provide rapid drying, long durability and high gloss. It should be added, however, that with the introduction of glyptal resins and other synthetic refinements paints can no longer be freely mixed, and nothing should be added to a synthetic paint except in accordance with the manufacturers instructions.

Where protection as opposed to appearance is the main requisite, the older types of paint are advantageous. For purely decorative purposes, however, synthetic paints may prove more satisfactory.

Varnishes

Varnishes are transparent and used to enhance the surface of a work. They differ from paint in containing no pigment or extenders. Natural resin is used in making varnish, it is melted and fused at a certain temperature and "cooked" with linseed oil. Driers are added with turpentine or white spirit. Synthetic resins have been introduced but these differ materially from the natural and have resulted in the production of new varnishes. With regard to finishes, the higher the proportion of linseed oil the more elastic and durable the varnish is, but the longer it takes to dry. A high resin content however gives a harder and more brilliant surface but is less durable and elastic.

Cellulose Paints

These paints differ from oil paints by virtue of drying entirely by the evaporation of a solvent, no chemical change is involved. The basic ingredient of cellulose varnishes is nitro-

cellulose a substance made from cotton. This is dissolved in a suitable solvent, together with plasticisers to give the required flexibility, and resins for hardness and adhesion. Cellulose enamel can be produced by the addition of pigment. The fact that drying is entirely due to evaporation of the solvent means that the film of paint retains its solubility and difficulties are experienced in its application unless it is sprayed. In practice cellulose paints are rarely used in buildings except for the decoration of prefabricated fittings.

Water Paints

These paints have been extensively developed during the war period and are of use both for interior wall work and the decoration of exterior stucco and concrete. These types of paint usually dry partially or wholly by the evaporation of water. The vehicle portion is usually casein, egg-white or glue. This type of paint was originally called distemper because the pigments were tempered or mixed with size—a water soluble vehicle.

Wood Preservatives

Creosote type preparations are the most generally used and are often employed as stains for new woodwork. N.B.—The use of creosote should be avoided on any surface which may subsequently have to be painted as it contains substances soluble in the medium of paint and will bleed through it and cause discoloration.

Frequency of Painting

According to a generally accepted estimate made a few years ago the cost of painting with a medium priced paint was made up of 4 units of cost for labour to one unit of cost for paint. Working on this basis with the present higher relative cost of labour nothing is to be saved by using cheap paint, for the longer a paint lasts the more the hospital will save.

Wards and other inside surfaces which are not subject to mechanical wear should not need repainting for seven years or more. The smoothness of the final surface is of importance, as when the walls are washed down any small protuberances will eventually be broken down and wear will start.

For exterior work lead paint is generally recommended and repainting will be required every six years. Exposed portions may have to be done more frequently. Synthetic paints should, however, be considered, particularly if favourable evidence can be obtained of their use in conditions similar to those in which they are required.

If the original coat is burnt off a wooden surface, the job must be treated with a suitable primer. Where the surface is already painted, two undercoats and one finishing coat will usually be sufficient.

Preparation of Surface

The preparation of surfaces before painting should be carried out with care. Smoothness is essential if a well-finished and hard-wearing result is to be obtained.

On woodwork all accumulated dirt should first be removed. Dampness is frequently a cause of trouble and woodwork should be allowed to dry out well if blistering is to be avoided. Any mould growths, which often

appear on woodwork which has been allowed to get damp, should be carefully cleaned off and the wood sterilised. All holes must be made good with hard stopping. The use of glazier's putty is bad practice. Treatment of old paint surfaces depends on the state they are in. If they are bad they must be burnt off, or paint remover, made with powerful non-corrosive solvents, should be used. On surfaces which have disintegrated uniformly from the surface by "chalking" and which are free from cracking and peeling, rubbing down will provide a good surface for repainting. Wet rubbing is recommended with waterproof sandpaper. Home Office regulations forbid dry rubbing down of lead paints.

On metal the chief difficulty is rust. It is essential that every trace of rust be removed before any paint is put on a metal surface for if this is not done oxidation will continue underneath the paint. If the general paint surface is in fair condition it should be looked over and any defects should be scraped down to the bright metal, it can then be repainted. If it is a bad surface complete stripping is essential.

With plaster surfaces and water painting dampness is once again, as with wood, the major trouble. In old buildings the walls will often be found to vary in porosity. If this is the case they should first be treated with a coat of priming liquid or other sealer for otherwise flaking is likely to ensue.

Cracking and Scaling

A paint surface is always under tension through expansion and contraction due to exposure to changes in temperature. In consequence the paint needs to be elastic in order for the various coats to expand and contract equally with the material to which they adhere. If this is not so or if paint is on wood which has shrunk, cracking will occur and may lead to peeling. Thin paint films are less likely to crack than thick as may occur when a surface has been repainted several times without wearing down. Hard inelastic undercoats should be avoided. If cracking recurs after repainting the only solution is to strip the surface completely instead of rubbing down.

Dampness

Dampness, as mentioned above, is the cause of blistering and flaking of paint. It is absolutely essential to let woodwork dry out before painting, for if blistering occurs the only remedy is stripping and repainting. Outside work should not be started too early in the morning as dew or mist may have left a layer of moisture on the surface to be painted.

Paint Economy

The following are the economy recommendations on the use of paint in building construction and maintenance issued in January, 1949, by the Ministry of Works:—

"The Interim Economy Memorandum issued in September, 1946, has been reviewed in the light of present day conditions. Whilst raw material shortages are not so acute as in 1946, linseed oil supplies involve heavy expenditure of hard currency and this makes it necessary

to continue to economise, wherever possible, in its use.

The Schedule in the previous Economy Memorandum has been withdrawn and the following recommendations issued in its place:

1. Paints containing linseed oil should not be used in maintenance work for repainting surfaces which, by cleaning or other reasonable treatment, can be restored to a condition appropriate to the purpose for which the room or building is about to be used.

2. Paints, or other treatments containing linseed oil should not be used on exterior surfaces, previously unpainted, of stone, brick, clay-block, concrete cement rendering or stucco.

3. Paints, or other treatments, containing linseed oil should not be used when re-painting surfaces previously treated with cement paints, silicate paints, bituminous paints or wood preservatives.

4. Bituminous or tar paints should be used wherever practicable on exterior iron and steel such as gates, railings, outbuildings, etc.

5. Wood preservatives, in place of paint, should be used wherever practicable on exterior woodwork such as weatherboards, bargeboards, gutterboards, outbuildings, etc.

6. Encouragement should be given to the use of stain and varnish, in place of paint, wherever practicable on interior woodwork such as doors, cupboards, architraves, picture rails, skirtings and staircases.

7. Cement paints, or silicate paints should be used where suitable, according to the type and purpose of the building, on interior surfaces of brick, concrete, cement rendering, asbestos-cement, lime plaster and insulating board."

British Standards

British Standards exist for paint material, i.e. drying oils, thinners, driers, pigments and extenders, colours of paints, oil paints and varnishes.

(For suppliers of these materials see under appropriate head in the Subject Index of the Guide to Hospital Purchasing, p. 863).

References:—

P.W.B.S., No. 5. *The Painting of Buildings* (H.M.S.O.) 1944, 1s. 0d., also bulletins of the Paint Research Association, Waldegrave Road, Teddington.

Ministry of Works. *Paint Economy Memorandum*. Paint No. 2 (Jan., 1949).

Paint and Painting. THE HOSPITAL, p. 219. Sept. 1940.

PLASTICS

Definition

The term plastics is applied to a widely differing range of products manufactured from synthetic resins, which are produced from either simple organic compounds (acetylene, formalin, etc.) or by chemically modifying organic materials such as cellulose from wood, and cotton, and cassein from milk which occur in nature. These products vary in properties from sticky syrups to brittle, tough or fibrous solids.

In most cases plastics are not cheap materials but the hospital administrator would do well to consider their specialised qualities when planning new layouts or expenditure on replacement of more conventional equipment.

Although there are many applications where the initial expenditure may be doubled or trebled if plastics are used it must be borne in mind that plastics may last ten times as long as other types of material.

Types of Plastics

Laminated Plastics (Constructional Materials). Constructional materials for partitions, wall surfaces, table surfaces, furniture, trolleys and so on are generally made from laminations. Laminated plastics are made by sticking together under great pressure large numbers of thin sections of material with a synthetic resin bonding agent, which process can be likened to the manufacture of plywood. The constituent layers are often only a few thousandths of an inch thick. The most widely employed materials include paper, any form of cloth or fabric, glass cloth and wood veneers. Safety glass where glass is laminated with bonding materials also falls into this category.

Properties. These products have the following qualities: in general they are strong and light, possess good chemical resistance, are unaffected by weather and will withstand extreme changes in climatic conditions. They are unaffected by bacteria, fungi and insects and may be obtained with highly polished and scratch-resisting surfaces with a wide range of colour and design. In addition they are good insulating material and are fire-resisting. They can, in most cases, be worked easily with wood and metal working tools. Water is used as a lubricant.

Some Types of Product. Two products of interest are impregnated plywood and densified wood. The first has a lower water absorption, is more resistant to insect attack and is less inflammable than ordinary plywood. The second made from impregnated wood veneers produces a material with a higher specific gravity and increased tensile strength. This material is said to have strength approximating to metals while still only having specific gravity one-sixth that of iron.

One kind of laminated plastic panel is marketed in a standard size of 8 ft. \times 4 ft. \times 1 in. consisting of a series of double "T" girders with webs at approximately 2 inch centres separated by rectangular cavities running the entire length of the panel. The cavities can, if necessary, be filled with sound proofing materials. It lends itself well to the construction of wall partitions.

Another type is marketed in panels 9 ft. \times 4 ft. \times $\frac{1}{8}$ in. and is a good facing material for walls or horizontal surfaces.

Cheaper products for use as partitions are made from sawdust or wood wool bonded with a synthetic resin adhesive and faced with paper, wood veneer or metal foil.

Expanded Plastics. Plastic materials produced by special techniques in the form of solidified foams consisting of a large number of bubbles held together by a little plastic are known as expanded plastics. Owing to their low specific gravity and low thermal conductivity they are used for thermal insulation.

Synthetic Adhesives. A result of intensive research has been the production of specialised

adhesives for bonding almost any material. Adhesives are now available which produce a joint with aluminium which is stronger than that produced by riveting. Special adhesives are available for bonding metals, wood, glass, leather, rubber, fabrics and many other materials.

Moulded Plastics. An extremely wide variety of moulded plastics are in use in the kitchen and for plumbing and sanitation. Plastic wash basins, lavatory basins and seats which are light in weight, unbreakable and do not stain, are being more widely applied.

Extruded Plastics. Among this type of product are pipes manufactured from extruded phenolic plastics which have been used both in America and this country for plumbing purposes. They are claimed to be easier to install and repair than lead or copper and as they possess certain elastic qualities may prove more resistant to bursting when frozen in winter.

Applications in the Hospital

Walls. There are many types of plastic materials used, varying from the cheaper resin bonded sawdust board suitable for indoor partitions to resin bonded plywood, attractive laminates employing beautiful veneers or other coloured materials as a decorative surface, also cellular and expanded plastics for sound and heat insulation. As the surface of these laminates is easy to clean, capable of chemical sterilisation, hard wearing and highly scratch-resisting they would appear ideal material for hospital corridors, wards, bathrooms and lavatories.

Roofing. Laminated structures can be used for roofing if provision is made for adequate ventilation. Roof lighting can be provided by transparent acrylic sheeting which is claimed to have the advantages over wired glass, apart from being unbreakable, of being easily fitted since the sheet can be drilled and bolted and no frames are needed and also it has a higher light transmission factor.

Flooring. Laminates can be used as flooring materials for bathrooms and lavatories, with the advantage of easy cleaning.

Ventilation. Plastic ducting is available for ventilation and fume extraction.

Sanitation. Wash basins, lavatory basins and seats are now available, which wear well, are attractive in appearance as well as being non-corrodible. They can easily be cleaned with detergents (abrasive should not be used). Pipes for plumbing purposes are also obtainable as mentioned above.

Electrical. There has been very extensive use of plastics in this field for wall switches, plugs, lamp fittings, fuse boxes, control panels, etc. The majority of cables are now said to be insulated with plastic in place of rubber as it has the advantage of not perishing with time.

Kitchen. Hygiene and ease of cleaning can be facilitated by the use of laminated wall board, plastic flooring and plastic scoops, measures and crockery.

Fabrics. There are now many kinds of fabric available of all weights from heavy duty materials suitable for upholstery to the finer nylons and similar materials.

Paints and Lacquers. Special paints and lacquers are available which produce tough, corrosion-resisting surfaces suitable for walls, floors and furniture.

References :—

Six articles :—

Plastics in the Hospital :

(1) *Plastics and their Properties*, by D. F. Mordant. THE HOSPITAL, p. 231. May, 1947.

(2) *Thermo-softening Plastics*, by D. F. Mordant. THE HOSPITAL, p. 271. June, 1947.

(3) *Further General Characteristics*, by D. F. Mordant. THE HOSPITAL, p. 367. Aug., 1947.

(4) *Structural Materials*, by D. F. Mordant. THE HOSPITAL, p. 411. Sept., 1947.

(5) *Plastics in Construction and Equipment*, by D. F. Mordant. THE HOSPITAL, p. 471. Nov., 1947.

(6) *Plastics in Medical Treatment*, by D. F. Mordant. THE HOSPITAL, p. 521. Dec., 1947.

Post-War Building Study, No. 3 : *Plastics*. (H.M.S.O.)

RATS

(See under *Vermin Extermination*)

RECORDS

Types of Registration Systems

There are four types of registration systems available for medical records and these are :—

Centralised Unit. In this system a patient is assigned a number on first admission and this same number is used for all subsequent admissions. Records are all kept in one folder in one central department.

Centralised Serial. A new number is given to the patient on each admission under this system and all records are kept in a central department.

Decentralised Unit. The patient has one number for all admissions to any department and the records are filed in the departments issuing the numbers, for example out-patient records are kept in the out-patient department.

Decentralised Serial. In this system a new number is given to the patient on each admission to any department of the hospital. The records are filed in the departments issuing the numbers.

Continuity Essential

It is generally considered that decentralised systems are undesirable and the tendency now is towards some type of centralised system. The centralised unit system using one number, one folder and one central index was first developed in the U.S.A. and is considered as probably the most suitable for the majority of hospitals. It has already been adopted by several of the larger hospitals and others are in process of changing to this system. The advantages of this system are that it supplies a complete hospital history of the patient thereby ensuring continuity of treatment and it also facilitates research work. The keeping of all notes in one place and the use of one central index both help in the day to day work of note keeping and in the ease of checking whether a patient has been in hospital previously. This system is recommended in the report *Some Observations on Hospital Admissions and Records* published by King Edward's Hospital Fund for London.

Microfilm and Records

The space taken up by old medical records is often the factor which decides their retention or destruction, and as material of great value may be obtainable in old notes microfilming can perhaps provide the answer to the problem.

It is claimed that no other method of documentary reproduction can rival microfilming for cheapness or for saving storage space.

Sizes of Film Available

The technique is applicable to all types of documents and it is claimed that even X-ray plates can be reproduced satisfactorily on 35 mm. films. In one system of microfilming records, safety film (which is less inflammable than paper) is used for the purpose in 100ft. rolls on which 1500 separate items can be photographed. This roll of 35mm. film is packed in tins measuring only 4 inches in diameter by 1½ inches high. Any frame on this film is reproducible in a very short time and it is claimed that full sized bromide paper enlargements can be prepared in an emergency in less than 15 minutes.

One hospital using the system of microfilming uses 16 mm. films. Two films are taken simultaneously and the cost is said to work out as little as 0.048 of a penny per page of notes photographed. At this hospital the central card index continues to be used for records which have been microfilmed. The index card is stamped "microfilmed" and the number of the spool entered on it for reference. As this will ultimately lead to the central card index becoming unwieldy it has been suggested that the difficulty can then be overcome by sub-dividing it into a current and non-current index. As two films are taken the first spool is left complete as a control and the second cut up into lengths which cover a complete set of records and these are then filed numerically in envelopes using the notes' previous folder number. A special index of microfilm is kept and numbers can be selected from the diagnostic index and appropriate sections taken from the film sections and spliced together for the use of doctors who wish to study a special series of cases.

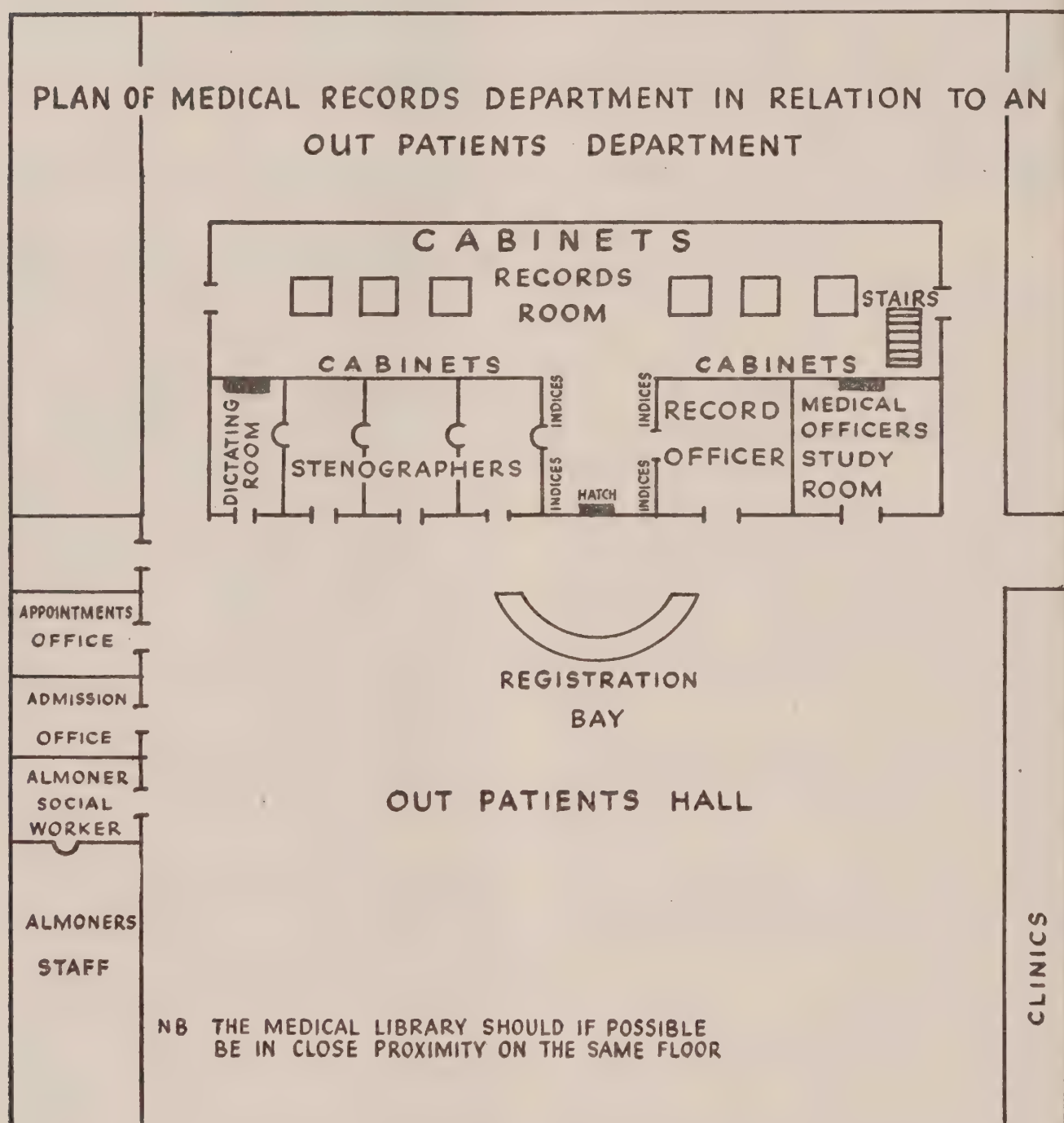
Considerations in Planning Medical Records Department

(See plan of medical records department in relation to an out-patients department given on the next page.)

When planning a Medical Records Department the main essentials to consider are :—

1. Long walls for cabinets.
2. Light.
3. Basement storage room (see stairs on plan).
4. Closed room—issue and receipt of records through hatch (marked on plan).
5. Proximity to Out-Patient Hall and Registration Bay.

LAYOUT OF MEDICAL RECORDS DEPARTMENT



(The above diagram is reprinted from an article by Elsie Royle—*Medical Records Department, Principles of Organisation* which was published in *THE HOSPITAL*, April 1948, page 158.)

6. Small offices for stenographers to minimise noise and interruption. These offices should have access to Out-patient Hall through doors, but internal communication through archways or swing doors.
7. Large tables for sorting and assembling records.
8. Uniform filing cabinets and furniture.
9. Hollerith or Powers-Samas installations should not be housed near patients or staff on account of the noise. It is inadvisable for them to be placed in the Records Department itself.

(Reprinted from *Medical Records Department, Principles of Organisation* by Elsie Royle, *THE HOSPITAL* p. 158, April 1948.)

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REFRIGERATORS

There are few hospitals which need the large commercial type of refrigerator used for bulk storage and in most cases completely automatic plant is satisfactory for normal requirements.

Types, and Refrigerants

Commercial Plants. The refrigerators generally in use in large commercial plants are ammonia and carbon dioxide. As the former suffers from the disadvantage of unpleasant smell from the gas should there be a break, and further because ammonia attacks copper and other non-ferrous metals, it is seldom used in hospitals. As there are difficulties with automatic plant using carbon dioxide this is not often used either.

Automatic Refrigerators. The principal refrigerants used in automatic refrigerators are sulphur dioxide, methyl chloride and a substance known as "Freon 12." Although sulphur dioxide plants have been in wide use and were simple in operation improvements have been effected by the use of methyl chloride. In consequence the last named refrigerant is the most frequently used in hospital automatic plants whether for cold rooms up to 1,000 cu. ft. capacity or for the ward refrigerators of perhaps only 3 or 4 cu. ft.

The compressor type is worked by a mechanical compressor which circulates the refrigerant thereby abstracting heat from the contents of the refrigerator and its surroundings. These generally employ an electric motor to drive the compressor; air-cooled plants are normally satisfactory.

The absorption type has no moving parts and is operated by heat provided by electricity, gas or oil and also needs water cooling. This type has the advantage of silent working.

Sizes. There are no British Standards so far for the larger sizes of refrigerator suitable for hospitals but Post War Building Study No. 9 gives the external dimensions of a 15 cu. ft. storage capacity refrigerator as 3' x 2' x 5' 3" and for 250 cu. ft. storage capacity 7' 4" x 6' 10" x 7' 6". Sectional cold rooms suitable for meat or milk storage are available up to 500 cu. ft. capacity.

British standard B.S. 922: 1940 specifying performance and construction and overall dimensions, and B.S. 1183: 1944 are for domestic sizes, but the larger models may be suitable for ward kitchens.

Position of Refrigerators and Cold Rooms

When installing a cold room or self-contained machine it is important to see that the proposed position is suitable from the point of view of the surrounding atmospheric temperature. If this should be higher than the makers stipulate the effectiveness of the plant will be reduced.

Insulation

Probably the most effective insulating material in use is slab cork generally four inches thick. This needs protection against mechanical damage. If the cold room is built as a separate unit tongued and grooved boarding is generally employed for the exterior. If used for the storage of bodies for post mortems the normal

design can be followed and some type of automatic refrigeration used to obtain the desired temperature.

Storage Space Requirements

Generally a cold room capacity at the rate of about 2 cu. ft. should be allowed per patient. This is only a rough guide. Other figures which have been suggested by various authorities for restaurant or canteen purposes are 0.50 cu. ft. minimum refrigerator storage capacity for 100–250 persons. For restaurants of 500–1,000 seats this figure drops to 0.37 cu. ft. Another method suggested is to allow 0.50 cu. ft. of storage space per main meal served. A separate special machine for fish storage is a useful piece of refrigerator equipment. If ice is required on a large scale a separate ice making plant will be needed.

Solid Carbon Dioxide

There is one further refrigerant which needs to be mentioned, solid carbon dioxide. This product resembles hard compressed snow and evaporates slowly without melting, one of the advantages being that no residue is left after evaporation. It has a temperature of -110°F . and is consequently much colder than ice. It has a high refrigerating effect. The storage of commodities at low temperature in specially designed conservators is claimed to be comparatively simple with solid carbon dioxide. These conservators are mobile and independent of external power supply, but it is essential to ensure that they are designed to maintain an even temperature and to prevent excessive local cooling. Adequate insulation and the avoidance of contacting metal parts are essential to ensure a minimum consumption of the refrigerant. Solid carbon dioxide is obtainable in the form of blocks of nominal 25 lbs. weight either of square or circular cross section.

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 THE HOSPITAL, p. 391. Sept., 1946.

SOAPS IN THE LAUNDRY

(See under *Laundry*)

SOUND PROOFING

(See under *Acoustic Treatment*)

STAFF LOCATION SYSTEMS

(See under *Internal Communications*)

STAFFING STANDARD (NURSES)

(See under *Nursing Staffing Standards*)

STAIN REMOVAL CHART

Compiled by the Product Research Department, Thomas Hedley & Co., Ltd., Newcastle-on-Tyne

Type of Stain	Whether usually removed by white work formula	Special Treatments	Fabrics on which they can be used
Albumen	Yes, if temperature of first wash is not raised above 120°F.	Dampen with 1% solution of malt extract (or pepsin acidified with a few drops of dilute hydrochloric acid) and leave for $\frac{1}{2}$ to 1 hour. The stain must be kept moist for the entire period. A cover prevents rapid drying.	For all fabrics.
Ammonia	Yes.	—	—
Animal	Yes, if bleaching is practised.	Use oxidising bleach.	(See Oxidising Bleaches, p. 745.)
Asphalt	Partially.	(1) Work into stain a mixture of 75% solvent soap and 25% chloroform. (2) Spot with a mixture of 50% red oil and 50% petrol. Allow to set—after half-an-hour wash in 2% soda ash solution at 180°F. (3) Apply specially manufactured spotting re-agent.	(1) For all fabrics, except acetate rayon. (2) White cotton or linen only. (3) Some are unsuitable for acetate rayon.
Balsam of Peru ..	It is insoluble in water.	Soak in 50:50 acetone: xylol mixture.	For all fabrics, except acetate rayon.
Beer	Yes, if bleaching is practised.	Use an oxidising bleach.	(See Oxidising Bleaches, p. 745.)
Blood	Yes, if temperature of first wash is not raised above 120°F.	(1) Use an oxidising bleach. (2) For old obstinate stains use a Cream Suds boil.	(1) See Oxidising Bleaches, p. 745. (2) For cotton and linen only; see Cream Suds boil.
Blue, Aniline	Yes.	If a rinse is not effective use oxidising bleach.	(See Oxidising Bleaches, p. 745.)
„ Prussian ultramarine.	Yes.	If a rinse is not effective soak in a 5% acetic acid solution for 30 minutes.	Cotton, linen and rayon only.
Chocolate	Yes, if bleaching is practised.	Use an oxidising bleach.	(See Oxidising Bleach, p. 745.)
Chromic acid (up to 4%)	Up to 2% Chromic acid will wash out.	Stronger solutions produce stains which should be soaked in a warm soap solution for 30 minutes then treated with a 5% solution of sodium hydro-sulphite.	For all fabrics.
Cocoa	Yes, if bleaching is practised.	Use an oxidising bleach.	(See Oxidising Bleach, p. 745.)
Cod Liver Oil ..	Partially.	(1) Soak for $\frac{1}{2}$ hour in a 50:50 mixture of red oil and petrol then boil in a 2% solution of soda ash. (2) Use solvents.	(1) White cotton and linen. (2) All fabrics (p. 744).
Coffee	Yes, if bleaching is practised.	Use an oxidising bleach.	(See Oxidising Bleach, p. 745.)
Copper	No.	Spot with mixture of 1 part hydrofluoric acid to 4 parts water.	For all fabrics, except weighted silk.
Cream	Yes.	Treat as cod liver oil if stain is stubborn.	—
Colour stains	(See unidentified stains	(p. 744.)	—
Egg	Yes, if temperature of first wash does not rise above 120°.	—	—
Fruit	In some cases.	Use an oxidising bleach.	(See Oxidising Bleach, p. 745.)
Grass	No.	Use an oxidising bleach. Spot with a mixture of 1 part glacial acetic acid to 3 parts methylated spirit.	(See Oxidising Bleach, p. 745.) For all fabrics, except acetate rayon.

Stain Removal Chart (contd.)

<i>Type of Stain</i>	<i>Whether usually removed by white work formula</i>	<i>Special Treatments</i>	<i>Fabrics on which they can be used</i>
Grease	Partially	See asphalt	—
Glue	In some cases	Soak in a cold alkaline solution	For all fabrics except acetate rayon
Gums	In some cases	See glue	—
Icecream	Yes	Use 1% solution of pepsin or malt extract as for albumen	For all fabrics
Ink, writing	Not entirely	Extract with hot glycerine to remove tannin and follow with 2% oxalic acid solution to remove iron, or if an aniline dye base use permanganate-oxalic treatment	For all white fabrics
Ink, copying	No	(1) Spot with a 1% solution of hydrochloric acid or acetic acid. (2) Immerse in a 3-4 volumes hydrogen peroxide to which a little dilute ammonium hydroxide has been added.	(1) and (2) For all fabrics
Ink, marking (silver)	No	Apply tincture of iodine : after 2 minutes add 5% solution of sodium thiosulphate to which a crystal or two of sodium sulphite has been added.	For all fabrics.
Iron	No	Soak in a hot 2% solution of oxalic acid or 5% solution of ammonium acid fluoride solution. Spot with 1 part of commercial hydrofluoric acid to 4 parts water.	For cotton, linen and rayon. For all fabrics except weighted silk.
Iodine	No	Soak stained portion in a 5% soln. of sodium thiosulphate	For all white fabrics.
Lipstick	No	(1) Boil in 3% Cream Suds. Iron based lipsticks require added treatment of iron stain. (2) Solvent (p. 744) followed by oxidising bleach. (3) Solvent followed by reducing bleach. (4) Solvent followed by a soak in a lukewarm 2% solution of Glauber salts. (5) Solvent followed by an oxidising bleach.	(1), (2) and (3) For white cotton and linen. (4) and (5) For woollens and silks ; see Oxidising Bleaches (p. 745.)
Lubricating oil ..	No	As for cod liver oil.	—
Medicine unknown ..		See unknown stain (p. 744).	—
Mildew	Yes, if bleaching is practised.	Oxidising bleach. Spot with 80% acetic acid.	See Oxidising Bleaches (p. 745). All fabrics except rayon.
Mud	Partially	(1) Brush off as much mud as possible when dry before washing. Very resistant stains are removed in Cream Suds boil. (2) Apply a 50 : 50 mixture of oleic acid and trichloroethylene for 10 mins. before adding the article to the boil of a white work process. (3) Wash with spirit soap.	(1) and (2) For cotton, rayon and linen only. (3) for all fabrics.
Mustard	Yes	—	—
Paint	No	(1) Spot with a mixture of 2 parts meth. spirits, 1 part acetone, 1 part benzol, or equal parts of amyl alcohol and carbon tetrachloride ; turpentine can be used as a solvent. (2) For all large stains soak in 2% solution of sodium silicate.	(1) For all fabrics except acetate rayon. (2) For all fabrics. Linen and cotton may be boiled.

Stain Removal Chart (contd.)

<i>Type of Stain</i>	<i>Whether usually removed by white work formula</i>	<i>Special Treatments</i>	<i>Fabrics on which they can be used</i>
Perspiration ..	Cotton, linen and rayon Yes.	Soak affected part in lukewarm 5-10 vol. hydrogen-peroxide with a little dilute ammonia added for a period up to 15 mins.	For silks and woollens.
Rubber cement ..	No	Solvent (see below).	For all fabrics.
Rust	No	See iron.	
Scorch	No	(1) Allow a solution of 5 vol. hydrogen-peroxide to dry into the affected parts. (2) Bleach with sodium hypochlorite.	(1) For all fabrics. (2) For cotton, linen and rayon.
Shoe polish	Partially	(1) Boil in Cream Suds. (2) Oxidising bleach. (3) Soak in a hot 5% solution of sodium hydrosulphite.	(1) For cotton and linen, only. (2) See Oxidising Bleach (p. 745). (3) All white fabrics.
Silver nitrate ..	No	Apply tincture of iodine ; after 2 minutes add 5% solution of sodium thiosulphate to which a crystal or two of sodium sulphite has been added. Rewash.	For all fabrics.
Sulphur	Washes off cotton and linen.	Removed by solvents—white spirit or carbon disulphide.	Only necessary on silks and woollens.
Tar	Partially.	See asphalt.	
Tannin	No	Use oxidising bleach followed by a hot solution of 5% sodium hydrosulphite, and soak in hot glycerine. Rewash.	See Oxidising Bleach (p. 745) for cotton and linen, and rayon.
Tea	Yes, if bleaching is practised.	Use oxidising bleach.	See Oxidising Bleach (p. 745).
Tobacco	Yes, if bleaching is practised.	Use oxidising bleach.	See Oxidising Bleach (p. 745).
Vaseline	Yes	Solvent treatment if stain is resistant.	See solvents (below).
Wax	Yes	Spot with carbon tetrachloride	All except acetate rayon.
Yellow stains (a) caused by insufficient rinsing, (b) yellow centres of sheets, pillowcases, shirt collars and cuffs	Yes	Usually rinsing is sufficient.	All fabrics.
	No	Soak in a 50 : 50 mixture of oleic acid and trichlorethylene for 10 minutes then add to a washing machine during the boil of a load of white work.	Cotton, linen and rayon.
Yellow staining in wool	No	(1) Soak in a cold 1% solution of hydrochloric acid for half an hour. (2) Soak in a 2 vol. hydrogen-peroxide for up to 12 hours	(1) and (2) Wool only.

Notes on Some of the Treatments Mentioned Above

The Cream Suds Boil is a simple, inexpensive, yet effective method for removing stains. While not all stains yield to this process it is surprising how many fabrics can be restored to use by it. It can be performed in an uncovered tank fitted with an open steam pipe, or in a small boiler. Fill the tank about half full, stir in Cream Suds (4 oz. per gallon) and bring to the boil. Since the linen or cotton being treated must be under the surface of the solution, it is most important not to overload the tank.

All surface dirt, blood, albuminous matter, etc., present in the fabrics must be removed by a regular washing process in order to prevent setting of stains during the boil.

The amount of boiling necessary will vary from two to eight hours, according to the degree

or type of stain. Lightly stained linen may clear up in the minimum time, while the very heavily stained linens may require the maximum time.

The work is removed from the boiler and included in the washing process of a load of white work. If it is stained by rust, this can be removed by soaking in a solution of oxalic acid (use 1 oz. oxalic acid for 6 lb. work) at 180°F. for 15 minutes. Then give at least two hot rinses to remove the oxalic acid.

An Unknown Stain is to be treated only after the washing process has failed to remove it.

1. **Solvents.** Spot with a solvent, e.g. acetone, amyl acetate, benzene, benzine, carbon disulphide, carbon tetrachloride,

chloroform, ether, methylated spirits, trichlorethylene and turpentine but with acetate rayon use only benzene, benzine, carbon disulphide, carbon tetrachloride, turpentine, amyl acetate, and trichlorethylene.

2. **Glauber Salts.** Certain dyes in wools, silks and acetate rayon are removed by the following procedure. Immerse the article in a cold 2% solution of Glauber salts and gradually raise the temperature until stripping occurs. If there is no visible effect when the temperature reaches 180°F. this treatment must be discontinued.

3. **Spirit Soap and Oleic Acid or Olein Treatment.** Spirit soap is useful for removing stains from silks and woollens but on cotton and linen the oleic acid treatment should be given. In both cases the spirit soap or the oleic acid is rubbed well into the interstices of the cloth, then the article is submitted to a normal washing process. In the case of more resistant stains in cotton and linen the oleic acid may be scrubbed out, using a scrubbing brush and a hot alkaline solution (washing soda or metasilicate).

Oleic acid and trichlorethylene mixed in equal parts is useful for greasy stains on white work. Rub the mixture well into the stained area and leave for 20 minutes; then put the article into the boil of a normal white work washing process.

4. **Digestive Agents.** 1% solution of pepsin or malt extract acidified with a few drops of dilute hydrochloric acid is used as a digestive agent. Dampen the stain with either of these mixtures and leave for about 40 minutes, and keep moist with the solution during this time (a cover will prevent rapid evaporation). Then rewash the article.

5. **Hydrofluoric acid.** It is not used as an agent for general treatment but a 3:1 water to commercial acid solution is very useful for spotting. Special precautions must be taken when using this reagent, as it is a very powerful acid, which attacks glass and must therefore be kept in a guttapercha or Bakelite bottle. Severe burns may result if it is allowed to come into contact with the skin.

6. **Sodium hydrosulphite.** This reducing bleach may cause damage to weighted silks but very little to cotton, linen and wool. Soak the area in a hot 1% solution for 5 minutes or, if the stain is small, after first wetting the area, rub in a pinch of sodium hydrosulphite. Spot with hydrofluoric acid and wash off almost immediately. Rinse thoroughly.

Oxidising Bleaches

An oxidising bleach treatment can be given with sodium hypochlorite bleach, with hydrogen peroxide or with potassium permanganate.

Sodium hypochlorite should be used only on white cotton, linen and rayon fabrics, and after the treatment the fabrics should be carefully rinsed to remove all traces of the bleach. The mildest method of using hypochlorite bleach is to soak the stained materials in a cold solution containing 1%—2% available chlorine. It

may take several hours to remove stains in this way but it has the advantage of having a minimum effect on the strength of the fabric. Warming the solution to 140°F. will speed up the action, so will increasing the concentration to 5% available chlorine. The most rapid method of hypochlorite bleaching (and the most destructive to the fabric) is to dip the stained area alternately in a bleach solution containing 5% available chlorine and an acetic acid solution made up with 3 ounces of 56% acetic acid per gallon of water.

Hydrogen peroxide can be used on all white cotton, silk, wool and rayon fabrics and on most coloured materials. The stained articles should be completely immersed in a 1% solution of hydrogen peroxide (cold or warm), made slightly alkaline with ammonia. Bleaching will generally take several hours or even over night to produce best results. When the stain is removed, rinse the fabric well to remove the peroxide. While hydrogen peroxide does take considerable time to be effective, it is far milder in its action on fabrics and colours than sodium hypochlorite or potassium permanganate.

The permanganate treatment consists of a two-step process, as follows:

1. Soak the stained area for 1 to 2 minutes in a warm (120°F—130°F.) solution made up with 3 ounces of potassium permanganate dissolved in a gallon of water.
2. Rinse to remove the excess potassium permanganate solution, then work the stained area in a hot (160°—180°F.) solution containing 3 ounces of oxalic acid per gallon of water. Continue this until all of the brown colour has disappeared, then rinse well to remove the oxalic acid.

STAINLESS STEEL

(See under *Metals*)

STORAGE SPACE (FUELS)

(See under *Fuels*)

TELEPHONES

(See under *Internal Communications*)

TEXTILES

Points in Purchasing

Where samples of fabrics can be supplied for test a wealth of valuable information can be revealed by general serviceability tests carried out at a test station which the buyer cannot find out for himself. The initial sum spent in testing fees would represent a mere fraction in bulk buying of the total sum to be expended and may well be the means of saving large sums dissipated on unreliable or unsuitable goods.

Quality in Woven Fabrics. The quality of woven fabrics is determined by the following factors:—

Handle. A fabric's handle is its softness, smoothness and suppleness which may be determined by gripping it tightly in the hand and releasing the pressure quickly. Resistance to creasing can thus be noted. Wool, silk and acetate rayon have good non-crush properties and soon recover from the crumpled state. Considerable experience, however, is needed adequately to judge the handle of a fabric. Textile auxiliaries can be used to modify the handle, i.e. make it more resistant to crushing, etc. Generally cotton handles soft and warm, linen firm and cold, real silk crackles and wool handles soft or firm according both to its quality and type.

Thickness. The thickness of a material is determined by a micrometer; several measurements should be made in different places.

Density. The density of a fabric is judged by viewing it against the light. With filled fabrics it may first be necessary to wash the fabric in water containing soda.

Weight. Suitings and dress fabrics are judged by the weight of the material per square metre. A test portion of 10 square cm. is weighed. The weight of the material can then be obtained by multiplication. Weight of fabric lengths can then easily be calculated. Although weight is important other factors like filling should also be considered.

Strength. A test of the material between finger and thumb will give good results, although special scientific apparatus is available for testing strength. Fabrics made with folded yarns spun from long staple fibres are stronger than those made from short or shoddy wool fibres. Worsted fabrics are stronger than woollens.

Structure. The structure of a material is tested by pulling a representative sample of at least 100 sq. cm. to pieces. The various types of threads are then weighed.

Resistance to Rubbing. The resistance to friction of a material is one of the most important tests. By this test inferior wearing weft is revealed especially if it forms the surface of the fabric. To test a fabric it should be rubbed quickly with a moistened finger or stroked with a stiff brush. Another method is to scratch the surface with the finger nail. These tests easily reveal that materials made of fine firm wool fibres wear better than those manufactured from soft short wools. More accurate testing is carried out by a special machine by which a piece of fabric is rubbed against an abrasive under a given weight until a standard degree of wear is reached.

Bursting Strength. In this test a piece of fabric is stretched over a hole and the bursting strength is measured by the force in kilograms per sq. centimeter required to burst through it. The extensibility of a fabric can be tested at the same time by the extent to which it stretches before bursting. This is an important test because many fabrics are subject to this type of strain in use.

Water Repellency. The resistance of a fabric to wetting. Many types of fabric are now shower proofed by chemical treatment, but complete resistance can be obtained only by impregnating the fabric with rubber or oil. The usual form of test is the funnel or drop test, by which the number of drops are measured before the fabric becomes soaked and water comes through. A fabric claimed to be waterproof should remain waterproof after creasing.

Finish. It is desirable to know how a fabric is finished. Heavy fillings are recognised by a cloudy appearance against the light. Another test is to crumple a piece of the material and compare it with the original. If the fabric is rubbed against a glass plate the filling will come out as dust. Another method is to weigh, then boil the test portion, dry it, allow it to condition in air for 24 hours, then re-weigh, the loss of weight is the filling. If it is of poor appearance and limp after boiling and rubbing then the material is heavily filled. Highly lustrous fabrics owe their brightness to special finishing treatments such as calendering and pressing. When they are boiled they become matt and rough. Steeping in water will reveal the normal hairy appearance of a smooth fabric which (unless it has been sheared, wool; or singed, cotton) has probably been produced by pressing.

Air Permeability. The volume of air passing through a material under standard pressure conditions.

Colour Fastness. The fastness of colours to washing is tested by rubbing fabric by hand after dipping in boiling soap solution. The only test for fastness to light is exposure for a suitable period and subsequent comparison. Colour fastness with regard to perspiration can be tested by moistening the fabric with strong salt solution, allowing the material to dry, brushing it and then comparing with the original untouched material.

Shrinkability. The shrinkability of a material is judged by an ironing test. One yard of the material is placed between damp cotton fabrics and then gently ironed until it is dry. After conditioning the area shrinkage can be measured. If a fabric is claimed to be unshrinkable then it must retain its original size after treatment. Shrinking is also revealed by cockling of the fabric under hot ironing.

Characteristics

The characteristics of textiles are handle, lustre, fineness, felting, firmness, softness, elasticity and absorption. Linen, cotton and wool have these qualities in varying degrees and their major characteristics are given below:—

LINEN

The characteristics of linen fabrics are:—

- (1) A fine lustre due to the reflecting smoothness of the fibre.
- (2) Non-porosity of the fibres which therefore do not take on dirt so easily.
- (3) The fibres are stiff and not elastic, consequently linen materials crease easily and need frequent washing.
- (4) Readily absorb water and dry quickly.

- (5) Bleach and dye readily, but lack fastness of colours.
- (6) Owing to the longer fibres do not lint easily like cotton.
- (7) Resistant to wear because the fibres are longer and lie more closely than cotton.
- (8) Good conductors of heat and therefore cool to wear.

These qualities are said to render linen the best material for handkerchiefs, towels, dish cloths, sheets, table-cloths, etc.

COTTON

The characteristics of cotton are :—

- (1) Cotton is cool to the touch and a non-conductor of heat.
- (2) It washes easily.
- (3) It is serviceable and inexpensive.
- (4) Body or thickness may be given to it by starching.
- (5) Cotton only shrinks when loosely woven, due to the loss of sizing.
- (6) Crushes easily because it lacks natural body or stiffness.
- (7) Wrinkles easily, but does not lose shape.
- (8) Not so elastic as wool or silks.
- (9) Does not take dye so easily as wool and silks.
- (10) Takes on dirt fairly readily.
- (11) Less absorbent than linen.

WOOL

Wool's chief characteristics are :—

- (1) Shrinking or felting which is due to the scale with which the fibre is covered.
- (2) High-grade wool fibres have a close wave which improves their spinning qualities and increases elasticity.
- (3) High tensile strength and therefore resistant to hard wear.
- (4) A poor conductor of heat and therefore warm.
- (5) Elastic and in consequence woollen materials retain their shape. More elastic than cotton.
- (6) Dyes well.
- (7) Does not soil easily unlike cotton. This is due to the smoothness of the scales on the fibre.
- (8) Worsteds fabrics wear shiny owing to the smoothness of the surface.
- (9) Woollen fabrics do not tailor so easily as worsteds as their softness does not permit shape to be retained so readily.

Care of Hospital Fabrics

The importance of preserving linen and lengthening its life is paramount in present circumstances and a great deal can be done towards this by the organisation of a proper system of linen care in the hospital. A central linen room, if properly administered, can have an important place in this scheme and will make it easier to rotate the linen and remove those pieces needing repair and replacement.

(See below, *Central Linen Room—Organisation*.)

BLANKETS

There are two important factors in the care of blankets, first laundering. A single bad laundering will almost ruin a good blanket.

Woollen fabrics shrink rapidly if subjected to sudden changes of temperature when wet. Alkalis attack the wool itself, and rubbing is conducive to felting. For washing blankets it is suggested that only a low titer soap with no builder should be used and in a sufficient amount to produce four to six inch suds. The temperature of the water should never exceed 105°F. and is better if kept at from 90° to 95°F. The machine should be run slowly to avoid undue rubbing. Drying should be carried out under tension and the blankets protected from sudden changes of temperature.

The second factor is moth attack. As a protection against moths the blankets should first be washed and when dry, sprinkled with dichlorobenzene flakes (about $\frac{1}{4}$ ounce per blanket), folded and wrapped up in brown paper in bundles of not more than five. All openings in the paper should be sealed with gummed paper. The blankets can then be stored in a cool, dry, well-ventilated room.

Paradichlorobenzene will kill both larvae and moths and prevent their future ingress. Some of these chemical compounds need to be sprayed and some require immersion. Another method of disposing of moths is to subject the blankets to a temperature of 135°F in a steriliser. This is sufficient to kill all larvae. A cold storage method is to drop the temperature to 18°F. for a few hours to kill existing larvae. Then in order to permit the emergence of larvae from any unhatched eggs raise the temperature to 50° and then kill these new larvae by once again dropping the temperature to 18°F. Storage can be continued at 40°.

SHEETS

With regard to the care of sheets there are several points which should be watched in the avoidance of excessive wear. In the laundry too much bleaching, which in any case weakens the fibres, and insufficient rinsing should be avoided. Sheets should not be too small, for patients subject small sheets to undue strain in trying to adjust them. Overwork can be avoided by not having too small a stock of linen. Care in handling is another important factor, if they are subjected to rough usage in stripping beds or in the laundry machine this will shorten their life unnecessarily. Mildew can be avoided by not leaving wet sheets in bundles in hot muggy weather.

CLOTHING

The care of clothing is generally speaking the avoidance of ill use. The major influences causing deterioration of clothing are sunlight, dampness, various kinds of organisms, and every-day wear and tear.

Sunlight. Sunlight sets up chemical changes in fabrics and reduces the strength of the fibres. It causes a gradual decomposition of the fibre substances into a simpler molecular structure. Ultimately these new chemical substances are found to be soluble in water or dilute alkalis. It is an important consideration because the weakness of a fabric is not noted until it has been washed in soap or soda liquor where some of it dissolves and the weakness becomes at once apparent. Fortunately it is a slow process, but some of the materials designed to improve the handle or give colour to fabrics hasten the deterioration.

Dampness. Dampness is bad for clothes for two reasons. First water in itself brings decomposition by swelling the fibres and its presence assists any other harmful substance to attack the fabric. The second reason is that it increases the activity of bacteria. If the material is sufficiently dry they remain inactive, but if the dampness of a fabric is increased they at once become active and produce rapid deterioration and serious loss of strength.

High Temperatures. In certain materials high temperatures may cause a decomposition of the fibre substance itself. Apart from this they tend to have an activating effect on substances which are present in the fabric. Care should be taken to avoid very high temperatures with nylons and acetate rayons as they can be melted.

Perspiration. As perspiration can be both acid and alkaline it can be most harmful to fabrics. When it is fresh it is acid, but when stale it ferments and becomes alkaline owing to the formation of ammonia. Since most fabrics are adversely affected by acids or alkalis, materials made of animal or vegetable fibres will sooner or later become impoverished. Perspiration is also an excellent nutrient material for bacteria.

Wear and Tear. Very little can be done to prevent wear and tear which occurs from abrasion and flexing of the fibres in use. As this process goes on the fibres break and ultimately a thread goes, which by increasing the local strain, permits a hole to appear. The only remedy is darning and mending in time to prevent excessive strain and a worsening of the hole in the fabric.

Moth. The larvae of clothes moth eat only woollen fabrics. There is stated to be only one certain preventative against moth and that is chemical treatment which makes the material uneatable or actually poisonous to the larvae. The most satisfactory solution is to have these materials applied during dyeing and finishing of clothing. The use of moth balls is considered of doubtful value. (For further information on moths see *Blankets* above.)

Felting of Wool. The felting or matting of woollen garments is considerably accelerated by the use of hot water. The process is slow in cold water, but most rapid in water about as hot as the hand can bear. It is best avoided by squeezing and rubbing as little as possible. Badly soiled woollens however cannot be washed clean under such mild treatment and some shrinking will be bound to occur ultimately.

Bleaching. As bleaching, usually carried out by a chlorinating agent, oxidises the cellulose of cotton clothing at the same time as it whitens, it follows that it is a process of degradation of the material by gaining whiteness at the expense of tensile strength. Provided, however, bleaching is carefully controlled and carried out by skilled operatives the life of articles is little affected.

POINTS TO BE NOTED WITH REFERENCE TO SOME MATERIALS

Cellulose Fibres—Cotton, linen, viscose and cuprammonium rayons—are easily deteriorated by acids, but fairly resistant to alkalis. **Animal or protein fibres**—silk, wool, etc.—are easily attacked by alkalis and are fairly resistant to acids. Neither of these categories are affected

by organic solvents like carbon tetrachloride, trichloroethylene, white spirit or petrol. **Acetate Rayon** is changed by exposure to alkalis (for example a warm solution of washing soda) so that it becomes regenerated cellulose. It usually becomes weakened in addition to having its textile qualities completely changed. It is harmed by acids in the same way as cotton and viscose rayon. If it is ironed at too high a temperature it will soften the fabric. Nylon and vinyon are affected similarly. Acetate rayon is swollen or affected by organic solvents particularly when they are hot. If they should be used for any special purpose a test should be made on a waste portion of the material to see if there is any adverse effect. Acetate rayon and nylon are resistant to bacteria.

Viscose, cuprammonium and acetate rayons lose tensile strength when wet and tear quite easily so care should be taken when washing. Neither nylon nor vinyon lose tensile strength when wet.

Central Linen Room—Organisation

In this system, for each article of soiled linen discarded by a ward in the morning a corresponding clean article is issued to replace it by the central linen room the same day. This results in wards and departments not needing to hold stocks to last more than 72 hours with a consequent saving in ward storage space.

In order to operate this method each article of linen needs to be coded. This eliminates errors due to incorrect description. Similar articles, however, can still be used for different purposes by using different code numbers; for example:—

Sheets, patients	156
Sheets, staff	157

Two rooms will also be needed one as a clean linen room and the other as a soiled linen room.

Operation of System

Each ward has a laundry check list book containing forms listing all articles in use with their code numbers, also columns in which to enter totals for "clean" and "dirty" against each article and totals of all articles. Spaces are given for "Checked Dirty," "Received Dirty," "Checked Clean" and "Received Clean." Alternate forms are perforated.

The previous day's dirty articles are sorted out by the ward and totals entered in the dirty column against each code number. After checking the total number of articles against the total shown on the form the "checked dirty" space is initialled.

Upon receipt of the soiled linen container including the perforated copy of the form in the soiled linen room, the contents are checked against the laundry check list and initialled in the "checked dirty" space. The form then passes to the clean linen room.

For each article shown in the dirty column a clean one is issued by the clean linen room and the form initialled in the "checked clean" space. The form is then passed to the central linen room clerk, who enters the figures in the clean column of the analysis sheet. Down the longer side, on the left of this form, is a list of articles with code numbers. At the top are the names of the wards. The whole form is then cross-ruled into squares for entries to be

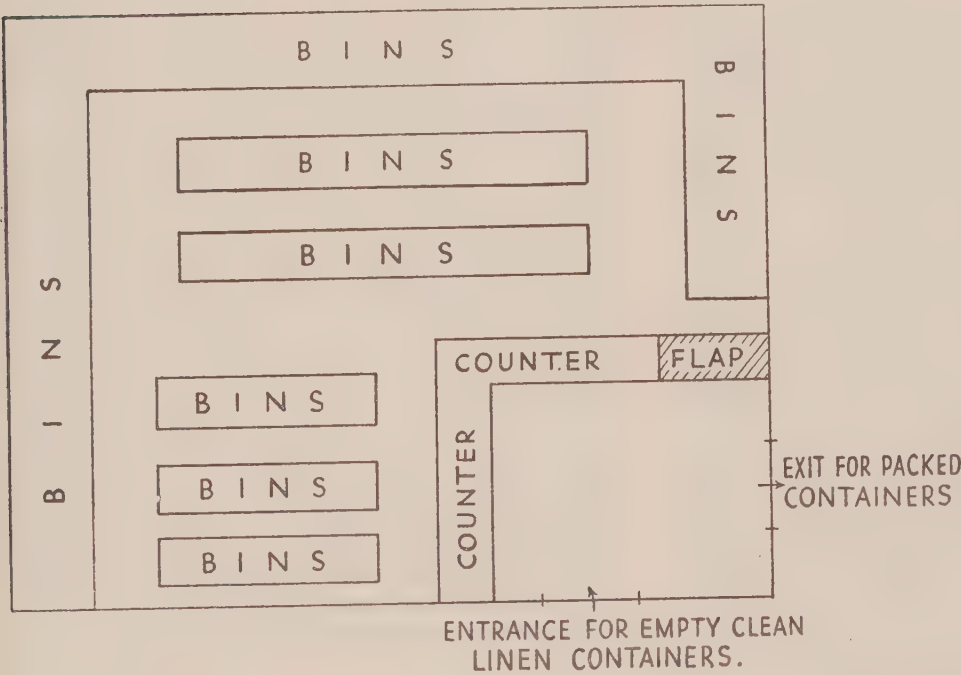
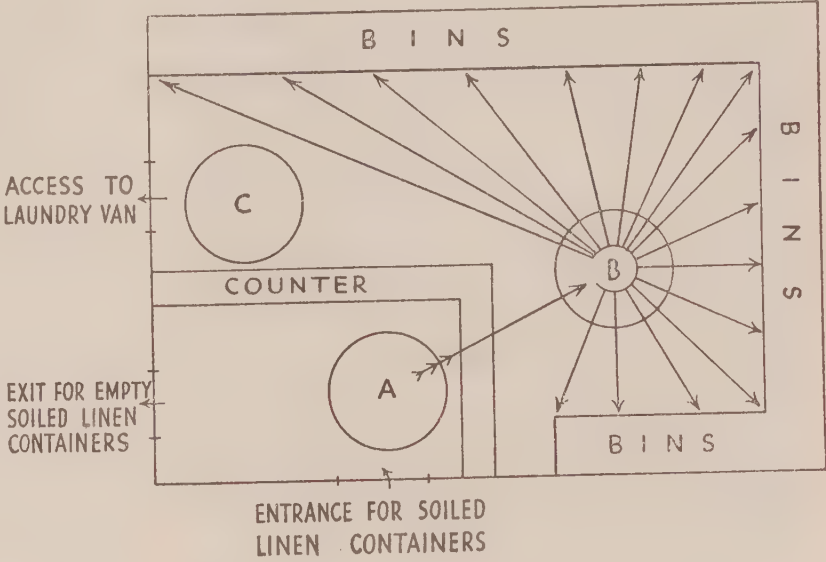
made in each ward-column of the quantity against each article. On the right is a column for code number totals and at the bottom spaces for ward totals.

The central linen room clerk initials the clean column total of the laundry check list which is passed back to the clean linen room. The container of clean linen is then delivered to the ward where it is checked and the

isolating the difference to one or more code numbers which can then be rechecked and the difference settled.

On agreement, the external laundry list (in duplicate) is filled in and one copy is collected with the dirty linen by the laundry. This form comprises columns of code numbers against each of which is a space for "Number sent" and "Number returned." At the

- A—Contents of soiled linen containers checked here.
- B—Contents of soiled linen containers placed here for binning.
- C—Space for laundry containers ready for collection.



Above—Suitable Lay-out for a Soiled Linen Room.

Left—Suggested Lay-out for a Clean Linen Room.

(These diagrams are reprinted from THE HOSPITAL "Central Linen Room, Organisation and Planning" by A. C. R. Powditch, November and December, 1948.)

"received clean" space on the laundry check list initialled and the form passed back to the central linen room for filing. This procedure takes place in the morning.

Operation of Soiled Linen Room

Every morning the articles in each container are checked by the soiled linen checker who having initialled the laundry check list frees the articles for binning according to their code numbers. Finally, before packing and dispatch to the laundry, when all consignments have been checked the numbers of articles in each bin are recorded on a summary sheet which is then totalled. An agreement of this total must then be obtained from the central linen room clerk who will have completed the analysis sheet. If there is a difference, the figures for each code number can be called over between the summary sheet and analysis sheet, thereby

bottom are four spaces for totals "sent by hospital," "received by laundry," "returned by laundry," "returned at hospital."

Operation of Clean Linen Room

The criterion of smooth running of the clean linen room is a steady flow of laundry check lists from the soiled linen room. As each list is received a clean consignment is made up on a one-for-one basis of the articles shown against each code number. As each code number is dealt with the numbers of articles are entered in the clean column of the laundry check list. On completion the "checked clean" space is initialled. The total figure is then initialled by the central linen room clerk who returns the form to the clean linen room. The filled clean container is then delivered to the ward.

In the afternoon the bulk consignment of clean laundry is received from the laundry together with the copy of the external laundry list. The articles are at once checked and binned according to code numbers. A record is kept on a summary sheet. The figures against each code number are then totalled.

Immediately the consignment of laundry is counted the figures entered by the laundry on the external laundry list must be checked with those shown against each code number on the summary sheet. Should there be a difference a recheck of the relevant coded articles must be carried out. If the difference persists between the "sent" figure and "returned" the excess or deficiency must be entered on a statement of deficiencies form. This shows spaces for the code number, number of articles sent, number of articles returned (both laundry and hospital count) and number of articles deficient (or in excess).

Stock Records for Clean Linen

It is suggested that a better control is obtained by having the bin records kept by the central linen room clerk. A separate bin card is allocated to each code number on which the following entries are made:—

- (1) Issues—posted from the horizontal total for the appropriate code number on the analysis sheet.
- (2) Receipts—posted from the "returned" column (amended figure, if necessary, from hospital recount) of the external laundry list.
- (3) Balance—calculated from the balance of the previous day and the net increase or decrease between the days issues and receipts.

The bin cards are filed numerically according to code number in a container in the central linen room clerk's office.

There should be two spaces marked "maximum" and "minimum" stocks on the bin cards. These figures will depend on: (a) the space available in the clean linen room bins; and (b) the normal daily issues to wards and departments. It is not advisable, however, for these entries to be made until the central linen room has been working for at least a month.

The central linen room clerk when posting the bin cards and calculating the figure to be put in the balance column should constantly refer to the "maximum" and "minimum" figures. If the balance exceeds the "maximum" stock, the responsible officer for the central linen room, on being notified, will arrange the transfer of surplus stock to the reserve stock. If the balance figure is less than the "minimum" stock a requisition must be made immediately for the transfer of items to make up from the reserve stock.

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VENTILATION

(See also under *Heating*)

The minimum standard of ventilation required for health cannot accurately be determined but in Post War Building Study No. 19, it is assumed that under normal conditions 600 cu. ft. per person per hour is the minimum requirement. The rate of ventilation is generally expressed by the number of complete changes of the total volume of air in a room per hour. The general practice in hospitals is to allow for three changes of air per hour except in special areas such as the operating theatre. Excessive ventilation gives rise to unnecessary draughts under doors, windows, etc.

The ventilation of buildings is closely bound up with the subject of heating. Under that head will be found a table of air changes per hour for each section of the hospital based on figures given by the Institution of Heating and Ventilating Engineers in its publication. *The Computation of Heat Requirements for Buildings*

Natural System

In normal living rooms the windows and fire place aperture supply adequate ventilation. In large buildings, however, the building itself is designed to encourage the circulation of air by natural means without causing draughts. Cross-ventilation permits the use of smaller intakes in windows and employs the difference in atmospheric pressure on two sides of a building (which is always present even in conditions of little air movement) to cause the flow of air through the rooms. Air is withdrawn from the windows on the side of the building with the lower atmospheric pressure and there are no draughts straight through the rooms from the windward side. Another system of supplying natural ventilation when windows and doors are closed is by dividing walls into two with an air cavity between. A supply of air is then drawn in at the base of the building and discharged into the roof. Under each window an inlet can be provided to allow the fresh air to enter the wards after passing over the radiators. Outlets above each window allow the heated and impure air to pass up into a separate shaft and out of the eaves on either side of the hospital depending on the direction of the wind.

Plenum System

This is a mechanical system by which the volumes of air delivered and extracted are balanced by means of fans. Windows and doors are kept closed and a slight pressure is maintained in the rooms served. Humidity and temperature control are usually included in this type of ventilation. There are two variants of this system, one with a mechanical inlet where the air is drawn in by means of a fan and the impure air is allowed to escape through natural outlets, and the other where incoming air enters through natural inlets and is then extracted mechanically. In the former the air is often cleaned and heated, in the latter method treatment of the air is unusual.

Operating Theatres

It has been suggested by various authorities that the extract ventilation from the operating theatre should if possible take place from the

sterilising room so as to ensure that the air stream is through the theatre and then through the sterilising room and then out. If the reverse procedure is adopted there is a possibility of steam being drawn into the theatre causing condensation on the walls. (For further notes on heating and ventilating special departments see under *Heating*).

Prevention of Cross Infection

Recent research into the quantity of infectious organisms present in the air in wards and operating theatres of hospitals has led to the formulation of the following general measures for the prevention of cross infection.

Bed Spacing

Overcrowding of patients should always be avoided. The Ministry of Health recommends for multiple bed wards for infectious diseases that the distance between bed centres should not be less than 12 ft. In childrens general wards and maternity units it is recommended in *The Control of Cross Infection in Hospitals* that this distance, wherever possible, should be adhered to and that in no circumstances should the distance between bed centres drop to less than 8 ft.

Face Masks

Face masks should be of an efficient type consisting of at least six layers of 40-mesh gauze or two layers of gauze with an impermeable cellophane or paper insert.

Blankets

The careful handling of blankets to minimise the scattering of dust particles should be stressed and oil treatment should be considered.

Oiling of Floors

The memorandum on *The Control of Cross Infection in Hospitals* recommends the treatment of wood and linoleum floors in wards and passages with spindle oil, as then the dust does not rise when sweeping is in process. Rubber composition and concrete floors should not be oiled but either washed, vacuum cleaned, or sprinkled with damp sawdust before sweeping. Dusters should be damp and no dry dusting should be done.

Spindle oil is an inexpensive crude petroleum used in the cotton industry as a lubricant and is readily obtainable. About one gallon per 800-1,000 sq.ft. is the quantity required per application. It should only be applied to wood or linoleum floors. Rubber is damaged by it and it should, therefore, not be used on this type of flooring. The slipperiness of an oiled floor wears off after a few hours.

The method of application recommended is first to scrub the floor to remove old polish, leave it to dry for 24 hours and then apply the oil quickly and sparingly with large mops at times of least traffic. Oiled floors should be swept with dry brushes of medium hardness and it will be found that the dust becomes matted together in rolls without rising.

Ventilation

The importance of adequate ventilation is stressed for it has been found that when

windows are wide open the microbic content of air in wards is little higher than the outside air, whereas when windows are closed even with no bed-making in progress the count obtained is far higher than in outside air. Windows should always be opened after bedmaking and dressing.

Good lighting is a further important factor as daylight even through glass is bactericidal.

Operating Theatres

The chief source of infection in many operating theatres has been found to be the dirty air sucked under the doors leading to adjacent rooms and corridors. This is due to the prevalent use of exhaust fans without any corresponding input fans.

This trouble can be overcome by the installation of a plenum system which maintains a slight positive pressure in the theatre so that air escapes under the doors. This will prevent dust, and organisms which may fall to the floor from ward blankets, from being sucked into the theatre. The other major source is textile fabrics containing wool which are said in contrast to cotton fabrics to be liable to return from the laundry bearing a large number of bacteria. Badly fitting masks are another source of airborne infection.

Preventative Measures

The following methods have been tried by various hospitals as a means of reducing the bacterial contamination of air in operating theatres.

The first is the provision of an air intake preferably from an inlet 10 to 15 feet above roof level. This air can then be filtered as circumstances require. Even after filtration through the cheaper types of filter using cotton wool, oiled metal or cloth it will be very much cleaner than the air ordinarily present in hospitals. Ten changes of air per hour are recommended for small theatres and six for larger ones as an economical minimum.

Although the exclusion of all non-sterile clothing is an ideal which does not appear to be practical at present, ward blankets and bed linen should always be excluded from the theatre, and also from the hall and anaesthetic room, unless plenum ventilation is used. Another measure suggested is the daily provision of fresh sterile linen or cotton covers for such woollen coverings as are used in the theatre. Two further suggestions are the provision of oiled night gowns or pyjamas for patients before operations, and rather more care to be paid to the clothing of stretcher bearers and other theatre personnel than is customary.

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VERMIN EXTERMINATION

Insects

Although general principles of treatment can be adduced for treatment of insects as a whole there are of course variations from species to species. The cockroach for example is fairly resistant to D.D.T., the housefly on the other hand is not.

Insecticides

A popular form of insecticide is that which is produced as a solution of insecticidal ingredients in oil. These can be applied by means of a fine insecticidal mist from a hand sprayer. Compounds used in this way are pyrethrum, nicotine, D.D.T., gammexine and rotenone.

Pyrethrum and rotenone are both plant extracts of Asiatic origin. These insecticides produce a knock-down effect and are usually applied by spray or atomiser. Kerosene or paraffin odour is sometimes associated with sprayed insecticides, but the odour has been in many cases eliminated. Modern commercial products are usually non-staining and non-poisonous to warm blooded animals—and invariably harmless to human beings.

Powders as well as sprays are also marketed. Some of these are simply pyrethrum compounds, some containing D.D.T. and some containing both.

D.D.T. Preparations

Dichloro-Diphenyl-Triclorathane (D.D.T.) was mainly developed in recent years largely due to the needs of the war and the sources of supply of the older insecticides like pyrethrum being under Japanese control, and the urgent military need for some other product to take their place. D.D.T. has a paralysing effect on the nervous system of insects and acts as a stomach poison, and does not have a knock-down effect. It is extremely stable and not subject to the oxidising effect of air and light which affect pyrethrum compounds. It requires processing and combination with other agents and like the older insecticides has a number of modes of application. Pyrethrum and D.D.T. together have proved an effective compound. Their use in an activated paint film has yielded good results against cockroaches and beetles, if they are applied to surfaces which attract the insects such as near lights, warmth and where food smells are strong. Combinations of D.D.T. and pyrethrum are also marketed as a spray the residual deposits of which remain toxic to flies, fleas and bugs for several weeks after spraying. Powders containing D.D.T. can also be obtained and these are scattered by means of a blower. Another kind is in the form of a vapour which being ignited spreads in a dense cloud penetrating cracks and crevices which cannot be reached by dust or spray.

Smooth surfaces, old paint and concrete hold D.D.T. for a considerable time. The Ministry

of Agriculture however, suggest that residual sprays are quite effective on the usual warehouse lime wash.

Ants

A very small red ant is the kind most often found in the basements and foundations of hospitals. It infests larders and kitchens, feeding on a wide variety of human food. The best recommended methods of extermination is by the use of poison bait as follows:—6 parts by bulk sodium flouride, 2 parts by bulk fresh pyrethrum powder, two parts by bulk corn starch. This should be sprinkled in the runways of the ants, care being taken that foodstuffs are not contaminated and that it is out of the reach of domestic animals and children. Grease banding will help to prevent ants gaining access from outside.

Bed Bugs

Common hiding places of the bed bug are in mattresses and the crevices of beds, in the cracks of furniture, on the underside of seats and chairs, in floor boards and in cracks in wall plaster. D.D.T. has given good results. Both five per cent. D.D.T. powder and five per cent. D.D.T. sprays have been used with complete success against long standing infestations. The older method on heavily infested premises which was certain to kill both bugs and their eggs was by the use of hydrocyanic acid gas. The Hydrogen Cyanide (Fumigation) Act, 1937, lays down the precautions to be taken.

Cockroaches

Two species are common in this country, both kinds like the dark and live in cracks and crevices in kitchens and laundries, etc. They eat a variety of substances, for example, paper and leather apart from human food.

Poison baits are the usual means of extermination but it is never completely effective. D.D.T. embodied in oil-bound distempers has yielded good results as mentioned above. After treatment cracks and crevices should be made good particularly in skirtings. Paper pulp and size with putty or cement mortar are effective.

Crickets

These creatures normally live near hot pipes, hearths and similar warm places. Crickets live on crumbs and similar refuse; decaying organic matter provides them with a breeding ground. Poison bait can be employed to destroy these insects. An effective poison is 6 parts by bulk sodium flouride, 2 parts by bulk fresh pyrethrum powder, 2 parts by bulk of corn starch. D.D.T. is highly toxic to crickets. After treatment it is advisable to fill up cracks and crevices with pulp of paper and size.

Fleas

There are several kinds of fleas found in this country. The human flea, the dog flea, the cat flea, and occasionally the plague flea. It is important to keep domestic animals free from fleas. If a room is seriously infested, flaked naphthalene or para-dichlor-benzene crystals should be sprinkled on the floor and the room shut up. Fumigation with sulphur and spraying with one of the light paraffin-basis sprays is also an effective method of extermination.

Rats

The presence of rats can usually be ascertained by a knowledge of the signs of nesting places, feeding places and runs between the two. Nesting material, food and water and undisturbed nesting sites are always necessary conditions for the formation of a rat colony. There are eight kinds of traces indicating a rat infestation:—(1) Smears formed by the formation of a path and the rubbing of the rats bodies on projections and mud smears from their feet. (2) The presence of holes and scrapes. (3) Runways, i.e. beaten down tracks in earth or mounds of refuse. (4) Gnawing marks on food, soap or lead piping. (5) Drop-pings. (6) Foot marks. (7) Tail marks. (8) Damage to food stocks.

Three arbitrary though convenient classifications of infestation can be estimated from the above signs. *Minor*, confined to infestations of less than twenty rats. *Major*, from twenty to two hundred rats. Most important infestations fall in this category. *Reservoir*, more than two hundred rats. Large infestations which are liable to colonise and infest other areas in the neighbourhood.

Control Methods—Poison

Density of rat population is most important. This should be found out before attempting control as diffuse populations are more difficult to deal with. It is useless to deal only with rats in a building if they have connections with those living in the sewers. A general survey of an infestation should give a rough knowledge of the rat population and the relation between that in question and other infestations. This will give where most of the rats are living and feeding and in consequence where baits can most advantageously be laid.

Poisoning is generally the best method of dealing with rats. It has generally been found, however, that preliminary baiting without poison is essential, as rats are suspicious creatures and tend only to nibble the bait at first. This is enough to cause illness but not to kill them. The best method is therefore to lay a plain bait for several nights to ensure that the rats are conditioned by use into eating the bait and when the poison is added they will eat it readily and die.

Hole baiting is the most efficient method. When an infestation can entirely be treated in this way two days prebaiting only is needed and post-baiting is not needed at all. In buildings, surface baiting is most commonly used. Bait must be laid on runs or as near nesting sites as possible. Containers are principally a safety measure for the security of domestic animals. The same base must be used each time both for prebaiting and poison. Suggested bases are damp sausage, a medium grade used with its own weight of water, sugar meal, bread mash and soaked wheat. Poisons are zinc phosphide, arsenious oxide, red squill powder and one antu (alphanaphthyl-thio-urea) which is highly effective but not widely available.

An effective method for dealing with infestations in the open and where the holes are easily identifiable is dusting with powders that liberate a poisonous gas. The powder may be introduced by a spoon tied to a stick or by a pump. Cyanide powders should not be used when

there is a high wind or in buildings where human beings are liable to breathe it. Neither should they be used in wet weather or on wet ground as the poison gas is soluble in water.

Trapping

The best type of trap to use is a breakback with a treadle. This method is only successful if there are a small number of rats, i.e. to kill off the remainder after poison, and a large number of traps are used. Traps should be put down baited but unset for four or five nights to overcome the rats' suspicions.

Procedure after killing rats

After treatment a building should be given a thorough survey and all holes in outside walls filled with fine concrete. Broken fittings should be renewed and wood panelling and door frames should be fitted with sheet metal at vulnerable places as a protection against gnawing. Defective drains should be repaired.

It is important to remember that an infested area should not, in general, be disturbed until after treatment, but then all food should be made inaccessible, accumulations of rubbish removed and cover denied to the rats.

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WASHING, ESSENTIALS OF GOOD

(See under *Laundry*)

WATER SOFTENING

The degree of hardness of water varies a great deal throughout the British Isles and in some districts a very high degree both of permanent and temporary hardness is to be found. On the other hand, in some cases, it actually has to be artificially hardened to prevent trouble with distributive pipework. From the hospital engineer's point of view water softening is often necessary to prevent scale deposit in boilers, it is also needed to keep hot-water cylinders and distributive pipework free from scale not only from the point of view of fuel economy but of obstruction in supply.

Water softening is necessary only for water which is to be heated. This is excluding hot water heating systems, for the treatment of which see notes below. Cold water does not need treatment.

Types of Plant

Two types of water softening plant are in common use, first the lime soda process and second the base exchange or zeolite process. The first employs lime and soda to reduce hardness and the second either a natural or

artificial zeolitic material (greensand can be employed in its natural form) and the process is carried out by the introduction of brine prepared from special salt in a tank forming part of the plant. Although the lime soda process is more economical in use it suffers from the disadvantage of the production of sludge for which disposal must be arranged. Base exchange, on the other hand, does not produce any by-product.

Degree of Softening and Economies

It is generally undesirable to soften water below 4° or 5° for ordinary domestic hot water systems, because although copper pipework is unaffected, mild steel pipes tend to become corroded and the saving of soap below 4° does not counterbalance the added cost of softening materials. Various estimates of the economics of water saving have been made both in this country and America. In the latter researches it was estimated that the softening of the hot water services of a hospital with hard water supply results in sufficient saving in soap to pay for the cost of installation and operation in less than two years. It was estimated that the neutralising action of hard water consumes about 0.07 lbs. of soap per 100 gallons per degree of hardness.

With regard to hospital laundries, research was carried out in 1939 in England and it was estimated that in laundry work 100 gallons of water of 15 degrees of hardness required 20-24 ozs. more good flake soap than water of zero hardness. (Cost of this quantity of soap at that time was about 4d. and the cost of softening the water about 1½d.) Four degrees of hardness in laundries makes softening of economic value, particularly when it is borne in mind that among other effects hard water combines with soap to produce insoluble lime soap, which adheres to fabrics and destroys their brightness.

Boiler Feed Water

Simple softening treatment for boiler feed water is not necessarily satisfactory. If water is taken from a base exchange plant and softened to zero hardness for make-up purposes it is

often necessary to add to the resulting mixture of condensate return and of soft water a proportion of raw unsoftened feed water in order to prevent corrosion and pitting which are liable to occur if completely soft water is used. In some waters carbon dioxide in solution will, if a base exchange plant is used, produce a water which needs corrective chemical treatment. Lime soda plants are less likely to produce water which needs chemical treatment for boiler feed purposes.

Small Boiler Plants

Suitable treatment can be arranged for boiler feed water for small plants without using either lime soda or base exchange plants. Analyses must be made of the initial water supply and a determination made of the proportion of condensate returning to the plant, so that a combined analysis can be made for specific chemical treatment. Once the correct formula has been determined the engineer in charge can regulate the feed by taking periodic simple analyses so that he can vary the treatment depending on the rate of evaporation and the load. If the requisite quantity of the previously determined chemical compound is dissolved in a small tank, it will be found that the resulting solution can be introduced into the feed tank or hot-well by means of a simple drip feed regulated to the correct dosage. There is no danger or unpleasantness in the steam used for cooking as the treatment of the water can be made entirely non-toxic.

Regarding alkalinity of boiler water it is important that this should be kept at a low figure. Periodic tests to check alkalinity should be made. The blowing down of boilers to keep alkalinity at a reasonable point should be regular and controlled within reasonable limits in the absence of a continuous blow down system. It is often found that steam boilers are not blown as frequently as desirable to reduce alkalinity in the interests of fuel economy, but a reasonable balance should be preserved.

References :—

Some Notes on Water Treatment, by H. A. Sandford. THE HOSPITAL, p. 17, Jan., 1946.

II — LEGAL NOTES

These notes, which have been prepared by a barrister, are intended to afford guidance on those everyday problems upon which it is not customary or, indeed necessary, to consult a lawyer and also to indicate certain other problems upon which professional advice is desirable. It cannot be too strongly emphasised that reference to notes such as these is no satisfactory alternative to taking legal advice in respect of any matter which appears likely to lead to legal proceedings or of any transaction—such as a contract to purchase land—upon which no prudent person would enter without advice.

the subject matter of agreement is of less value than £5.

Anatomical Examination of Dead Body.—see *Post-mortems*

Anti-Microbial organic substances (including synthetic chemical having similar properties)—regulations as to—see *Penicillin Act*, 1947.

Accounts and Finance

As regards National Health Service hospitals see particularly the National Health Service (Hospital Accounts and Financial Provisions) Regulations, 1948 (S.I. 1948, No. 1414).

Agreements

Stamp Duty—Deeds. The stamp duty on agreements made in the form of a deed varies with the subject matter. Since, however, deeds are usually executed only on the advice of solicitors the question of the appropriate stamp duty is not ordinarily the concern of the hospital administrator. The undertaking by deed most likely to be accepted by a hospital without the intervention of a solicitor is a "Seven Year Covenant." On this the stamp duty is 2s. 6d. per £100 of the total net amount receivable by the hospital.

For the stamp duty on other deeds such as conveyances, deeds of gift and the like, the reader is referred to standard text-books such as "Alpe's Stamp Acts."

Any deed for which no special duty is fixed attracts a fixed stamp duty of 10s. 0d.

Stamp Duty—Agreements under Hand

Unless a special stamp duty or scale of stamp duty is laid down for the particular subject matter, an agreement under hand (*i.e.* in writing, printing, etc., authenticated by signature or initials and not under seal), attracts a fixed duty of 6d. which may be denoted by ordinary postage and revenue stamps affixed and cancelled with date or signature when the agreement is made or, within fourteen days thereafter, by an impressed stamp. Certain extensions are given in respect of agreements executed abroad. Exempt from stamp duty are agreements for the sale of goods, wares or merchandise; for the hire of any labourer, manufacturer (*i.e.* person who makes things with his hands) or menial servant; or where

Appointed day

For the main purposes of the National Health Service Act, 1946, the National Insurance Act, 1946, the National Insurance (Industrial Injuries) Act, 1946, and the National Assistance Act, 1948, the expression *the appointed day* means 5th July, 1948.

Artificial Insemination—see *Illegal Operations*.

Autopsies — see *Post-mortems*

Births in Hospital

Registration. Although in strict law the duty of registering a birth, in default of the father and mother, falls on any person present at the birth or having charge of the child, so that a doctor, midwife or nurse assisting at the delivery would be compellable to attend before the registrar to give the requisite information for registration, in practice such compulsion, if necessary, is in all ordinary circumstances exercised on the parents or other person in charge of the child.

Notification of Birth to the local health authority under s. 203 of the Public Health Act, 1936, must be distinguished from *Registration* (*supra*). The notification must be given to the Medical Officer of Health by prepaid letter or postcard within 36 hours of the birth, the duty being on the father if he resides on the premises where the birth takes place, and also on any person in attendance on the mother at the time of or within six hours of the birth. Hence, in the case of birth in hospital the duty falls on any doctor, midwife or nurse so attending at delivery or on the

mother within six hours thereafter. Hospitals should have a routine procedure in the matter.

Conditions of Service—see *Master and Servant*.

Contracts

It is not practicable here to offer an exact treatise on the law relating to contracts. The following must be regarded, therefore, as no more than a rough guide. In the event of a contract being of an unusual nature or special importance, legal advice should be sought. Some of the most common points of difficulty are dealt with in the following paragraphs.

Form or Consideration—Options. A promise, unless given in the form of a deed, is not ordinarily enforceable unless there is some consideration given for the promise. Consideration includes not only payment of money or handing over of goods but a promise to do so or even a forbearance from doing something the promiser might otherwise have done (e.g. blocking the light from a neighbour's window which had not attained the status of an "ancient light"). With most contracts there is no difficulty in showing the consideration, but difficulties do sometimes arise as regards options. The beneficiary of an option cannot compel the giver of it to keep his offer open for a particular time—even though he may have promised to do so—unless some consideration has been given for it. Hence some nominal payment for an option is always to be recommended.

Capacity to Contract—Infants. Persons under 21 years of age are liable to pay a reasonable price for necessities supplied; what are necessities being a question of fact in every case, but the most obvious examples are food, clothes, medical attention, books for studies, etc.—always provided the infant is not already sufficiently supplied and the goods or services are appropriate to his condition in life. An infant who receives and pays for other goods cannot afterwards claim back the price. Reasonable contracts of service or apprenticeship beneficial to the infant are binding on him. On the other hand an infant is not liable for money borrowed by him or on any security for a loan.

Deaths in Hospital

Registration. The doctor attending a patient in his last illness is under the statutory obligation of notifying the Registrar of Births and Deaths of what he believes to be the cause of the death or—alternatively—that he does not know the cause of death. He must also deliver to one of the persons obliged to give information of death a notice in statutory form of having sent in the certificate. The persons concerned are listed on the form of notice at present in use. Failing certain near relatives, the duty of giving information to the Registrar falls on members of the

staff of the hospital, as acting either personally or in a representative capacity and as being in one or more of the following classes, viz. persons present at the death, the occupier of the house in which it occurred or the person causing the body to be buried. Since the Registrar's certificate or a coroner's order is requisite for lawful disposal of the remains, that, apart from the statutory time limit, exercises effective compulsion in most cases.

Disposal of Body. The classes of persons responsible in law for the disposal of a dead body is nowhere clearly laid down. It certainly includes, however, the surviving husband and also the parent of a child dying under 16 and, perhaps, under 21 years of age, though to-day that is more arguable. The executor or executors of the deceased or the administrators of his estate are also responsible, at all events so far as they have assets, funeral expenses being a first charge on such assets. But if none of these is willing to act, then the responsibility falls on the occupier of the premises where the death occurred (i.e. the hospital authority in the case of a person dying in hospital), but that person will have a claim for his reasonable disbursements on the estate of the deceased.

Moreover, under Section 50 of the National Assistance Act, 1948, it is possible that the local authorities named therein may be under an obligation to undertake disposal of the body where it appears that no suitable arrangements have been or are being made otherwise than by the authority. The advantage of the disposal being undertaken by the local authority rather than by the hospital authority lies in the right of recovery of expenses incurred not only from the estate of the deceased but, if need be, from any person legally liable to maintain the deceased immediately prior to his death.

Cremation. For cremation, special formalities are requisite, including a statutory declaration and two medical certificates, leading to written authority of the appropriate medical referee. It is unlawful to cremate a body if it was known to be contrary to the wishes of the deceased. The necessary forms can normally be obtained from the undertakers.

Defamation—see *Libel and Slander*.

Detention of Patient against his Will

A patient may be detained in hospital against his will only if there is authority in law for such detention: unauthorised detention, however meritorious in its object, will lay those concerned open to an action for false imprisonment and, if involving direct use of force on the person of the plaintiff, also to an action for assault and battery. The cases in which detention is justified may be outlined as follows: mental patients detained under the provisions of the Lunacy and Mental Treatment Acts, 1890-1930; mental defectives under the Mental Deficiency Acts, 1913-1938; certain persons detained in hospital for investigation under the Criminal Justice Act

1948; Broadmoor patients under the Criminal Lunatics Act, 1884, and the Criminal Justice Act, 1948; a person suffering from a notifiable infectious disease, but only if removed to hospital or detained there on a justice's order under the Public Health Act, 1936, or the Public Health (London) Act, 1936; a person suffering from tuberculosis of the respiratory tract in an infective state similarly removed or detained on a justice's order under the Public Health Act, 1936; in certain cases persons suffering from chronic disease or otherwise incapacitated under the National Assistance Act, 1948. Unless a patient falls into one of the above categories, there is ordinarily no authority to detain him against his will even though dangerously ill or suffering from an infectious disease. If, however, a delirious patient in his delirium expressed a desire to leave, it is suggested that it could properly be ignored.

Disabled Persons

The provisions of the Disabled Persons (Employment) Act, 1944, apply to hospital authorities as to other employers which, unless specially exempted, must employ the prescribed quota of registered disabled persons and also use registered disabled persons for prescribed types of work. Full particulars of the requirements may be obtained from any office of the Ministry of Labour and National Service, and hospitals within the National Health Service may also refer to circular R.H.B.(48).5., R.H.B.(S)(48) 8, and B.G.(48)5, as may be appropriate.

Dismissal without Notice — see under *Master and Servant*.

Factories Acts

By virtue of s.151(9) of the Factories Act, 1937, the provisions of the Factories Acts are extended to premises in occupation of the Crown or other public or municipal authorities where various processes are carried on which, if carried on for gain, would bring the premises within the Acts. The processes which make premises a "factory" are broadly set out in s.151. Laundries are within the Act even though not carried on for gain nor by a public authority.

The safety and welfare rules are both complex and important, and there may on occasion be doubts as to what rules are applicable. It is suggested that hospitals would be well advised to consult the local factories inspector to clear up any doubts and to obtain his suggestions.

Guarantees

A guarantee, *i.e.* a promise to answer for the debt, default or miscarriage of another, must be in writing. It is most desirable but not essential that the consideration for the promise—and

there must be consideration unless the promise is by deed—should also be reduced to writing.

Contracts which should be in writing. Various contracts such as guarantees and contracts concerning land or any interest therein, as well as any agreement not to be performed within one year, must ordinarily be in writing to be enforceable. Equitable rights arising out of part performance of a contract not in writing but which should have been are beyond our present scope. As regards contracts not to be performed within one year, it is to be observed that this would not catch, say, a contract of service which might extend beyond a year but might terminate earlier; on the other hand a contract expressed to be for a year or more fixed, even though there might be provision for earlier termination by notice or otherwise, should be in writing.

Contracts for the sale of goods of the value of £10 or upwards to be enforceable by action must be evidenced by a note or memorandum in writing and signed by or on behalf of the party against whom action is to be brought, unless (a) the buyer accepts and actually receives part of the goods so sold or (b) the buyer gives something in earnest to bind the contract or in part payment.

House or Flat occupied by Member of Staff

Effect of Rent Restriction Acts. The division between occupation by way of tenancy to which the Acts apply and occupation as a necessary incident and condition of employment may be a fine one and the decision depends on the facts of the particular case. It is, however, an important distinction, since in the former case the rent can be increased only within the limits laid down in the Acts even though an unduly low rent was charged in the first place, whereas in the latter case the valuation of the accommodation for emolument purposes can be seemingly increased without regard to any such limits.

Notice to Quit. The distinction drawn above may also be relevant to the position which arises on the resignation or dismissal of the member of the staff concerned. Ordinarily, if an officer does not give up possession on termination of his employment the only safe procedure for his eviction is an application to the County Court. Moreover, if there is any reason during the running of the notice to believe that the officer intends to remain in possession, it would be well to consult a solicitor without delay. In any event legal advice should be sought promptly on the officer holding over and no payment of rent covering any period after the termination of the employment should be accepted without legal advice so as to avoid the risk either of creating a protected tenancy, or of implicitly admitting the existence of such tenancy or, perhaps, of prejudicing any remedy against the officer which may already exist.

In the case of, say, a nurse occupying a furnished room in the nurses' home or a domestic servant occupying similar accommodation in the home for domestic staff, there would not appear to be any kind of

a tenancy and the officer could ordinarily be ejected on the termination of her engagement; but see also under *Master and Servant*.

Illegal Operations

Any operation for procuring an abortion or resulting in intentional physical injury to the person undergoing it, being an abortion procured or an operation performed without medical need, is a criminal offence, upon conviction for which a sentence of imprisonment may be imposed and to a charge of which offence the consent of the patient is no defence. There is much argument and some confusion on the subject of artificial insemination. It is not clear that artificial insemination by a donor (i.e. by a person other than the woman's husband, usually referred to as A.I.D.) is illegal, but it is at least questionable whether pending some clarification of the law hospital staff should in the course of their duties at the hospital be parties to such procedures.

Injuries to Patients

A full exposition of the subject of the extent and circumstances of liability of a hospital authority and of its officers for injuries to patients is beyond the scope of these notes. Broadly, however, it may be said that before the appointed day under the National Health Service Act, 1946, civilian hospital authorities were liable for injuries to patients due to the negligence or incompetence of members of the staff in the course of their duties, whether professionally qualified persons like nurses and physiotherapists or other employees such as porters and domestics, and this whether the patient was or was not being treated free. There was a good deal of obscurity as to the extent of the liability of the hospital authority for the acts and omissions of doctors and some grounds for suggesting liability for negligence or incompetence of junior grades such as housemen but not of senior specialists. In the case, however, of a private patient making a separate bargain with a specialist attending him there could be no question of the hospital authority being liable for his acts and omissions. The negligent person was also himself liable to the patient or, sometimes, in the event of the patient's death, to the nearest relatives or the deceased's estate. In addition, the hospital authority was under a contractual liability to paying and often to contributory patients and a quasi-contractual liability to patients received into a local authority hospital, for certain injuries caused without negligence, e.g. supply of contaminated food leading to illness.

The position of voluntary hospitals remaining as such is still as outlined above. In the case of National Health Service hospitals there are grounds for suggesting that they might not be liable for injuries caused by the negligence of specialist medical staff except to paying patients who pay an inclusive charge under s. 5 (1) of the National Health Service Act, 1946, but with this possible exception the authorities of these hospitals too are apparently still liable for injuries to patients to the extent outlined above. Moreover, it must be understood that the exception here suggested is by no means

certain. It must also be observed that in any event the negligent or incompetent person may be held liable for injuries, loss or damage caused by his negligent acts and omissions or by the acts and omissions of those acting on his negligent or incompetent instructions.

It is rather outside the scope of these notes to deal with precautions against accidents, but it is suggested that besides taking all reasonable precautions against accidents hospitals should have an adequate reports system so that the nature and circumstances of all mishaps which might lead to a subsequent claim are duly and fully noted at the time or as soon as practicable thereafter, so that there will be no difficulty in ascertaining the facts in the event of any dispute or legal action.

Voluntary hospitals are well advised to insure against such liabilities and the obligation under most policies to advise the insurers promptly of any incident which is likely to lead to a claim must not be overlooked.

Injuries to Persons other than Patients and Staff

The provisions of common law dividing people into the categories of invitees, licensees and trespassers with corresponding though questionable gradations of duty towards them in respect of the safety of the premises on which they enter for adequate treatment require discussion and analysis beyond the scope of these notes. Broadly, however, hospital authorities are well advised to act on the assumption that they are likely to be held liable to pay damages in respect of injury to anyone lawfully on the premises if such injury is due to the unsafe condition of the premises or to the negligence of any member of the staff. An example that comes to mind is a caller who slipped on a mat on a polished floor and sustained serious injury thereby, the hospital having to pay heavy damages. Incidentally, trees which are in a dangerous condition owing to insufficient care and attention, if they or branches from them fall and injure anyone on the premises or on an adjacent road or premises, may be a source of liability.

Besides taking all reasonable precautions against accidents, hospital authorities should have an adequate system of recording the nature and circumstances of mishaps which may lead to a claim at a later date.

Irradiating Apparatus, use of for Therapeutic Purposes — see *Radio-active Substances Act, 1948*.

Jury Service—Exemption from

The obligation to accept jury service rests on all persons between the ages of 21 and 60 who own freehold land valued at £10 a year or more, or leaseholds valued at not less than £20 per annum for a period of not less than 21 years, and householders of premises the rateable value of which is not less than £30 in Middlesex or £20 elsewhere. Others liable to jury service are burgesses of certain boroughs. Persons over 60 years of age,

although they may claim exemption, are not disqualified.

The above property qualification affords practical exemption from jury service to most residential staff at hospitals. Others who are exempt include practicing registered medical practitioners and superintendents and keepers of public mental hospitals. Pharmaceutical chemists (*but not* chemists and druggists) are also exempt, as well as any dentist who makes a claim.

Libel and Slander

False defamatory statements in writing or other permanent or semi-permanent form, if published (*i.e.* communicated) to a person other than the one defamed, constitutes actionable libel unless on a privileged occasion. There need be no proof of special damage to the one defamed. Similar spoken defamatory statements (slander), are actionable on proof of special damage, and without such proof, *inter alia*, if touching a man's trade or profession, his conduct in or fitness for a public office or the chastity of a woman. Slander is in any case actionable on proof of special damage.

Certain communications, *e.g.* answers as a referee to a prospective employer of an employee or ex-employee of the person making or authorising the communication, are subject of qualified privilege, the effect in such cases being that a false defamatory statement which would otherwise constitute actionable libel is not so provided made honestly and without malice. Any intention to injure the party commented on, as distinct from the intention of performing the public social duty of advising a prospective employer who seeks the information of his deficiencies, defeats the plea of privilege and leaves the defendant under the onus of proving the truth of his allegation if he is to succeed in his defence. It is generally better not to volunteer adverse comments but to await a request from the prospective employer, and the answer to such enquiries, even though unequivocally adverse, should be couched in temperate language, excessive extravagance of expression possibly constituting evidence of malice. There may be occasions when it is considered expedient to refuse to give a testimonial or to answer enquiries as a referee, leaving the refusal to tell its own tale. This in itself gives no cause of action. To damn with faint praise is another expedient but it should not be resorted to when something definite is known against the employee, *e.g.* if he has been dishonest, since if the prospective employer were misled to his detriment he might have a cause of action against the giver of the testimonial or referee.

Qualified privilege—referred to above in respect of testimonials and references—extends also to many other communications made in performance of a legal, moral or social duty, and with the same effect. Absolute privilege covers *inter alia* statements made in Parliament and in the course of legal proceedings. When a statement is covered by absolute privilege the maker is absolutely protected against any action based on it, whether or not it was malicious and whether or not he knew of its falsity.

Master and Servant

In this outline of the law the word *master* is used in its broad legal sense as meaning any employer or employing authority, and the word *servant* as meaning any employed person working under a contract of service. For the purposes of some statutes referring to the Civil Service and to local government, the expression *officer* has been contradistinguished from *servant*, the former comprising employees other than manual and domestic workers established for superannuation purposes, and the latter comprising the remainder of the staff, who might or might not be established. Yet again, as in the Asylums Officers' Superannuation Act, 1909, the expression "officer or servant" is used throughout without any attempt at differentiation. Fortunately, so far as employment under the National Health Service Act, 1946, is concerned, the dichotomy is abandoned, it being expressly laid down in section 79 that "officer includes servant." So for the purposes of this outline the two expressions will be regarded as interchangeable since we shall be mainly concerned with employment under that Act. But except so far as otherwise indicated, what is said will equally apply to employment by a voluntary hospital, convalescent home or kindred institution.

Engagement. Ordinarily there is no obligation in law to reduce a contract of service to writing, but it is certainly desirable to do so in order to avoid all occasion for subsequent misunderstanding as to the rights and duties of the parties to it. If the agreement is reduced to writing, then it will ordinarily attract stamp duty of 6d. Contracts in the nature of apprenticeship, as of student nurses, if in writing or by deed, must be stamped 2s. 6d. Contracts of service of menial servants (*e.g.* domestics) and of manual workers are exempt from stamp duty.

The agreement made should cover all the normal incidents of the employment, such as the duties to be performed, hours, rate of remuneration and intervals of payment, whether and under what conditions there is pay during sick leave, holidays and notice. To an increasing extent such matters as rates of remuneration, overtime, sick leave and holidays, for officers employed in the National Health Service, will be determined through the National Whitley Councils which have been set up for the purpose, and as regards such matters as may be covered by such national agreement it suffices in any service agreement to refer to the terms and conditions which may be laid down from time to time by the appropriate National Whitley Council for the grade in question. Matters not so dealt with and upon which agreement is necessary may either be incorporated directly in the agreement or indirectly by reference over to rules or standing orders. Except so far as national rates and conditions are embodied by reference over in a service agreement it is desirable that the person engaged should be provided with a copy of the terms and conditions, including all relevant standing orders.

Transferred officers, *i.e.* staff in hospital service before the appointed day, have the option of remaining subject to their pre-transfer

salary scales and conditions of service as to hours, holidays, sick leave, etc., the alternative being to accept the terms and conditions laid down by the Ministry of Health for such grade in the new service, entering the new scale at a point corresponding with their previous salary. This reference to terms and conditions laid down by the Ministry is an apparent rather than a real contradiction of what has been said about settlement of conditions of service by national agreement, such scales and conditions as have been laid down unilaterally being subject to review by the appropriate National Whitley Council and it being understood that the Minister will implement agreed decisions of such Council or of arbitrators referred to in default of agreement.

Sick Leave. Unless the contract of service otherwise provides and except in the case of a person employed on an hourly basis or of a trade custom to the contrary, absence on account of sickness does not give the employer the right to stop the servant's pay or any part of it. In the hospital service the amount of sick leave on full pay and on half pay is now ordinarily laid down in national conditions of service for all grades, less, in the case of leave on full pay, the amount the officer is entitled to receive under the National Insurance Act, 1946, or the National Insurance (Industrial Injuries) Act, 1946, during incapacity.

Holidays. Apart from nationally agreed conditions, for certain grades entitlement to leave on Christmas Day and Good Friday, and on other public and bank holidays may be a recognised custom, but with such exceptions holidays, including annual leave, are only a right if an agreed term of the contract.

Notice. It is desirable that the notice necessary to terminate an engagement in the ordinary course, and there being no grounds for dismissal without notice, should be laid down in the original agreement, but failing such provision an engagement may be terminated by reasonable notice. What is reasonable notice is a question of fact to be determined in the light of the particular circumstances and taking account of any generally recognised custom of the trade or calling concerned, but a particular hospital or other employing authority cannot establish a custom binding on its officers, *e.g.* that notice must be given to expire at the end of a week or month. Any employer desiring to modify the general rule that notice may effectively be given at any time must do so by express agreement.¹

Notice : Established, pensionable officers. Unless there has been specific agreement to the contrary, any officer, whether pensionable or not and however long he may have been in his post, may have his services terminated at any time by the appropriate notice. This statement of an employing authority's strict legal rights must not be

allowed to obscure the possible consequences in practice of lawful but unreasonable dismissal which may, for example, lead to a trade dispute and reference to the appeal machinery established by the National Whitley Councils for the Health Services or otherwise.

Dismissal without notice but with salary in lieu. Whenever an employing authority can lawfully terminate an officer's engagement by notice it is equally entitled to terminate it without notice on paying the dismissed officer the amount of the salary or wages he would have earned during the requisite period of notice in addition to any remuneration already due.² Apart from any agreement to the contrary a domestic servant so dismissed is not entitled to any payment in lieu of board and lodging, but in most other cases an officer dismissed with salary or wages in lieu of notice would be entitled also to the value of his emoluments for the appropriate period. The value, it is suggested, would be as fixed by agreement for purpose of superannuation. Moreover, if an officer is occupying a house or flat, quite apart from such protection as is afforded by the Rent Restriction Acts, he may be entitled to very substantial compensation if it is desired to terminate his occupation before the expiry of normal notice. It is always desirable to take legal advice before attempting to obtain possession of the accommodation otherwise than by mutual agreement.

Summary Dismissal. It is not practicable to give precise limits to the grounds which—apart from express agreement—justify summary dismissal without notice, the borderline being very indeterminate and—in a contested case—the issue normally being one of fact for the jury to determine. Broadly, however, it may be said that dishonesty in the course of a servant's duties, as by theft, embezzlement or the taking of bribes or secret commissions is always a valid ground; dishonesty even outside the course of his duties is usually also a ground for summary dismissal of a servant. Serious misconduct in the course of his employment is also a ground, though whether, say, any act of insubordination, disobedience or insolence justifies dismissal is a question of fact. Misconduct otherwise than in the course of his duties, if of a kind to make his continued employment prejudicial to his master's interests, may also justify a servant's dismissal. A servant may also be dismissed for incompetence. Illness, except in the case of temporary staff engaged for a specific emergency, is seldom a ground for summary dismissal.

In general terms it may be said that employing authorities are well advised to exercise the right of summary dismissal sparingly and only in the clearest cases. Generally, even when the employer feels there is just cause of complaint, it is better to avoid the possibility of challenge at law and an adverse verdict by giving notice or salary in lieu. But when summary dismissal is justified and resorted to, the discharged servant is not strictly entitled to any payment in respect of the period which has elapsed since the last regular pay day.

¹Any employing authority should think seriously before attempting to impose such a condition since it might be excessively onerous, sometimes compelling a member of the staff to give what would, in effect, be nearly two months' notice instead of one. Staff so penalised may be disgruntled and their work adversely affected.

²There are possible exceptions to this general rule but not of a kind ever likely to concern hospital authorities.

If a servant is unjustly dismissed the amount of salary or wages for the appropriate period of notice and the valuation of emoluments for the same period (reserving always the subject of compensation for disturbance of occupation in certain cases already touched upon) is the maximum damages obtained by the aggrieved employee on that account. Moreover, he is under a duty to minimise the loss by taking any suitable employment and his damages are reducible accordingly. [N.B.—This leaves aside any possibility of a right to claim damages for defamation, as to which see *Libel and Slander* and *Testimonials and References*.]

Servant leaving without notice. An officer is not entitled to leave without notice—otherwise than for just cause (e.g. the master's breach of his side of the contract)—and to discharge his obligation by payment of the amount of salary for the period of notice, but is liable to reimburse the employer the financial loss he has suffered by the servant's breach of contract. That loss may be greater or less than the salary for the period of notice and it is the employer's duty to minimise it. In practice, in any but the most exceptional cases, an action against an officer for breach of contract is hardly worth while, especially if the officer has tendered a reasonable amount as compensation (e.g. salary for the period of notice). Any just dissatisfaction with the officer's conduct is better expressed through any testimonial or reference (*q.v.*) called for.

Nuisance

To interfere with another person's enjoyment of his property by noise, fumes, smells, overhanging trees, etc., is a private nuisance for which damages and, if necessary, an injunction is the appropriate remedy. But the interference, to be actionable, must be substantial judged by ordinary standards and taking into account the nature of the neighbourhood. Moreover, that the occupier of the premises adversely affected uses those premises for purposes requiring, say, a more than normal freedom from noise, vibration, smells or fumes, is not allowed to increase the legal burden on his neighbours.

Trees, overhanging. Generally the only effective remedy for overhanging trees if the owner of the property on which they grow refuses or neglects to lop them on request, is for the owner of the property adversely affected to lop them. He should not, however, cut them back beyond the boundary fence nor keep the pieces lopped off if of any significant value. Trees such as yews which are poisonous to some domestic animals, such as horses, present a special problem. Hospital authorities with such trees in their grounds should see that they are cut back sufficiently far from the boundary to prevent animals on adjoining land or highway from reaching them. It is also important if the hospital is under any obligation to repair the boundary fences or hedges that this should be duly attended to. Failing such precautions there is a serious risk of liability if an animal is injured or killed through eating the poisonous foliage.

Ancient Lights. Apart from express agreement, the right to a reasonable amount of light

to a particular window is obtained only by 20 years' uninterrupted enjoyment, but since an interruption to be effective must be for a whole year, the right is in practice obtained as a result of a minimum enjoyment for 19 years and 1 day, but enforceable only after the full 20 years. This right to light, even if established, does not altogether prevent building on the adjoining land but only the erection of any structure which reduces the light enjoyed by the dominant tenement below what is reasonable, judged by ordinary standards. Hence, there can be no prescriptive right to a sufficiency of light for a particular purpose requiring more than that to which there is entitlement within the foregoing limitations. A right to enjoyment of such additional amount of light as may be necessary for a particular purpose can be acquired only by express grant. Finally, it may be noted that possession of "ancient lights" confers no right to continued enjoyment of a particular view or against the erection of structures which may be blots on the landscape. Unless these matters are covered by town planning or local building regulations or are the subject of effective restrictive covenants, it is difficult to suggest any remedy.

Nurses' Uniform

The General Nursing Council, under its statutory powers, has prescribed uniforms which may be worn by nurses on the various parts of the Register and by State Enrolled Assistant Nurses. It is an offence to wear such uniform without being entitled to do so. The Royal College of Nursing and some other voluntary bodies also authorise a uniform for their members. The wearing of such a uniform without justification and with intent to deceive would probably be actionable, and might—in some circumstances—be an offence.

Operations, Surgical Procedures, Internal and External Examinations

Ordinarily operations, surgical procedures and medical examinations should be undertaken only with the consent of the patient or in the case of a person under a disability such as infancy, mental deficiency or insanity, with the consent of his parent, guardian or other person responsible in law for his care. Infancy exists in law until the age of 21, but probably infants of 16 years and upwards may give valid consent on their own account, though the consent of the parent or guardian is desirable when it can be obtained.

If a patient whose consent to an urgent operation should be obtained is unable to give it as, for example, because unconscious as a result of illness or accident, then it is safe to proceed on the authority of the nearest relative available or, if none be available, without such consent.

In the case of a married woman in a condition to express her wishes, her husband's consent to an operation on her is not required even though the operation is one which, if performed will possibly result in sterility, but his concurrence and co-operation on other than legal grounds are obviously desirable.

The position regarding mental patients is somewhat complex, but it is the present writer's view that in the case of a mental patient in an institution the responsibility for his mental and physical care rests on the medical superintendent, who can accordingly give the necessary consent. It is desirable, however, also to obtain the concurrence of the petitioning or nearest relative. The position is similar as regards certified mental defectives, though in the case of defectives received into an institution at the request of parent or guardian it is suggested that the parent's or guardian's consent to any operation be requested.

See also *Illegal Operations*.

Patients' Property—Loss of or Damage to

Whilst hospitals should as far as practicable disclaim responsibility for custody of patients' property, and arrange as far as possible that property of value should not be brought into hospital, it is inevitable that hospitals should take charge of patients' clothing and also, on occasion, of valuables such as money and jewellery. If liability for loss of or damage to such property is to be avoided it is desirable that there should be an adequate records system and also storage accommodation appropriate to the articles concerned. Moreover, when such property is handed back to the patient, his acknowledgment should, if possible, be obtained or other evidence of the transaction recorded.

If property of but modest value (e.g. an umbrella) is left behind by a patient and reasonable efforts to contact the patient by letter in order to hand it back prove abortive, it is usually reasonable to treat the property as abandoned and to dispose of it. That course is not, however, advisable in the case of things of greater value such as jewellery, when there might be a successful claim after the thing had been disposed of. It is by no means certain that the price obtained, had the thing already been sold by the hospital at the time of the claim, would be the measure of damages.

A hospital authority is not responsible for damage to a patient's property by fire, flood, etc., unless such damage can be attributed to the negligence of the hospital staff.

Pay Beds and Beds available on Part Payment

So far as National Health Service hospitals are concerned reference should be made to ss. 4 and 5 of the National Health Service Act, 1946, and to the National Health Service (Pay-Bed Accommodation in Hospitals, etc.) Regulations, 1948 (S.I. 1948, No. 1490). The power of a voluntary hospital to make charges depends on its constitution and, in certain circumstances, modifications to permit charges are possible under the Voluntary Hospitals (Paying Patients) Act, 1936.

Penicillin Act, 1947

This Act puts substantially the same limitations on supply of penicillin and certain

analogous substances to the public and on their use for treatment of disease as do the Dangerous Drugs Acts in respect of substances to which those Acts relate. The substances to which the 1947 Act relates are penicillin (including preparations of that substance) and such other anti-microbial organic substances as may be prescribed, and any other substance the chemical properties of which are similar to those of a prescribed substance although not produced by a living organism. At the date of writing the only additional anti-microbial organic substance is streptomycin. Hospitals, clinics and nursing homes may nevertheless obtain supplies without restriction, but such supplies when obtained may be used by way of treatment only on the direction of a registered medical or dental practitioner, being supplied to patients only on prescription. Provision is also made for the supply of such substances for the purpose of scientific education and research.

Poisons and Dangerous Drugs

Poisons—Supply of by Hospitals. Public and charitable hospitals may supply medicines containing poisons within the Pharmacy and Poisons Act, 1933, on a doctor's or dentist's prescription, subject to the keeping of the prescribed records and to the following additional rules: (i) the container must bear a designation and address sufficient to identify the hospital or clinic; (ii) in the case of liniments, etc., such descriptive word, together with the words "For external use only" must appear on the label; (iii) except when a medicine is made up ready for use the label must include the word "Poison."

Poisons—Supply and Storage of in Hospitals. If in a hospital or similar institution there is a dispensing department, poisons are to be supplied for use within the institution only on the written order of a doctor, a dentist, or the sister in charge of the ward or department. The container must be labelled with the name of the contents and in the case of a substance in the First Schedule to the Poisons Rules the container must bear an indication that it is to be stored in a cupboard or on a shelf reserved for the storage of poisons, and there must be such a cupboard in every ward where such poisons are kept. If there is no dispensing department, all poisons prior to issue for use within the institution are to be in charge of a person appointed for the purpose by the governing body or person in control.

Arrangements must be made for regular inspection of places where poisons are stored.

Dangerous Drugs—Exemptions in favour of Hospitals. Public authority and voluntary hospitals are exempt from the general regulations forbidding possession, supply, etc., of dangerous drugs provided such drugs are dispensed by a medical practitioner or a qualified pharmacist and the necessary records are kept. Orders must be signed by a doctor or qualified pharmacist and dangerous drugs must be dispensed for individual patients only

on a fresh prescription of a medical practitioner each time. Stock preparations for ward use are to be supplied only on requisition of the sister in charge and she must keep them in a locked cupboard, using them for individual patients only on the direction of one of the medical practitioners in charge of the patients. Proper precautions must be taken to prevent theft of dangerous drugs whilst being conveyed from the dispensary to wards, theatres or out-patient department.

If a hospital is not organised and staffed so as to qualify for exemption under the Dangerous Drugs (Hospitals General Exemption) Order, 1924, exemption may yet be obtained on individual application if the dispensary is in charge of a dispenser holding the Certificate of the Society of Apothecaries or the appropriate R.A.M.C. qualification.

Where there is no exemption, dangerous drugs for use in an institution may be obtained only on order of a medical practitioner who attends patients there, and are to be kept by the matron (or acting matron) under lock and key, to be used only in accordance with doctor's orders. She must keep proper records.

See also *Penicillin Act*, 1947, and *Radioactive Substances Act*, 1948.

Post-Mortems

Post-mortems (or anatomical examinations or autopsies) to ascertain cause of death before issue of death certificate should be undertaken only on the instructions of the coroner, or at least with his approval. And even when the cause of death is known, there should be no post-mortem examination without the coroner's instructions or approval if the circumstances are such that an inquest is or may be necessary. The principal cases in which an inquest is necessary are when there is reasonable cause to suspect a violent or unnatural death, or when the cause of death is unknown. Deaths in prison and also—if there are suspicious circumstances—in mental hospitals, are likewise subject of an inquest, and all deaths of patients in a mental hospital have to be reported to the coroner.

Post-mortems otherwise than in coroners' cases, i.e. post-mortem examinations in pursuit of scientific knowledge, are lawful only if in accordance with the provisions of the Anatomy Acts. The principal rules are as follows:—(i) the examination may be undertaken only by a person duly licensed and at a place notified in accordance with the Acts; (ii) the permission of the person in possession of the body is essential, but on the other hand the right of the relatives is purely negative (i.e. that they can forbid dissection); (iii) a certificate of cause of death must accompany the body; (iv) removal for dissection must not take place within 48 hours of death; (v) the licensed person is under the obligation of giving various notices and making returns, and also of providing for burial within a year. The Anatomy Acts make no provision for retention of bodies or parts of bodies as specimens, though, apparently, retention of parts of the body without disfiguring it are not ordinarily made the subject of a charge.

Professional Qualifications

Professional qualifications are broadly of three kinds:

- (a) those recognised by statute as being essential to the pursuit of a particular calling, e.g. in the case of dentists and midwives, entry on the register being a prerequisite of lawful practice of dentistry or of midwifery (otherwise than by a registered medical practitioner or in case of emergency);
- (b) those recognised by statute as conferring certain privileges on the holder but not giving exclusive right to practise, e.g. registered medical practitioners and nurses recognised under the Nurses Act, 1943. In the case of registered medical practitioners the privileges in respect of possession and use of drugs and issue of many well-nigh essential certificates are so great as to secure them a virtual monopoly, whilst (apart from maternity nursing) the privilege of nurses recognised under the Act of 1943 amounts to little more than the apparently exclusive use of the title "nurse," even that privilege being subject to provisos which weaken it considerably in practice;
- (c) voluntary qualifications. The class includes all qualifications, even though conferred by an organisation established by Statute or Charter, not essential in law to the practice of the profession to which they relate, nor conferring substantial privileges in law on those in possession of them, as contrasted with persons not possessing the qualification in question. As examples of this class may be mentioned qualifications in physiotherapy, radiography, medical laboratory technology and the like, though it is conceivable that in the near future radiographers having, say, the M.S.R. might be given privileges bringing them into class (a) or (b) supra.

Although it is in law most important that a person should have a qualification he is required to have by statute for a particular calling, it is in practice hardly less important that persons performing expert functions for which a voluntary qualification is appropriate should have that qualification if an employing hospital authority is to avoid excessive responsibility for injuries to patients due to incompetence, as to which see further under *Injuries to Patients*. It is advisable, too, not merely to ascertain that a person applying for a post for which a particular qualification is necessary or desirable possesses a certificate purporting to show that he has that qualification, but that he is in fact the person referred to in the certificate produced.

See also heads of the various professions for which there are statutory qualifications.

Chemists and Druggists—see *Pharmacists*

Dentists. To be entitled to practise dentistry a person must be entered on the register of dentists kept by the General Medical Council. The description "dental surgeon" is properly restricted to persons possessing

the qualification awarded by certain examining bodies such as the Royal College of Surgeons of England and the corresponding examining body for Scotland, and to persons holding a university degree in dental surgery, thus distinguishing dentists holding these examination qualifications from those registered by reason of practical experience, often referred to as "1928 Dentists."

Medical practitioners. The privileges given in law to medical practitioners, *e.g.* in relation to the issue of prescriptions for poisons and dangerous drugs, the giving of medical certificates for various purposes, participation in the National Health Service, are confined to registered medical practitioners, *i.e.* persons whose names, by virtue of possessing an acceptable medical qualification, are entered on the register of medical practitioners kept by the General Medical Council. This minimum requirement, however, gives no guarantee that any practitioner is fit to undertake a particular specialty for which possession of a higher qualification and post-graduate experience may be appropriate. As to the method of appointment of medical staff of hospitals within the National Health Service *see* National Health Service (Appointment of Specialists) Regulations, 1948, and as to qualifications of medical practitioners taking part in the provision of supplementary ophthalmic services *see* the National Health Service (Supplementary Ophthalmic Service) Regulations, 1948.

Nurses. Only persons recognised as nurses under the provisions of the Nurses Act, 1943, are entitled to use the descriptive title "nurse," which, where necessary, must be accompanied by such limiting or descriptive word as "assistant" or "sick children's." But although it is an offence for a person wrongly to use the title "nurse" as applying to herself,¹ it is not an offence simply to be so addressed without having encouraged or required it.

The principal classes of nurse are as follows :

STATE REGISTERED NURSES :—

- (a) *General Trained*—usually referred to simply as State Registered Nurses (S.R.N.); either male or female, there being, however, some slight differences in the curriculum for the two sexes. Female State Registered Nurses share with midwives the right to act as maternity nurses for reward.
- (b) *Nurses on other "parts" of the Register*, viz. Registered Mental Nurses (R.M.N.), Registered Nurses for Mental Defectives (R.N.M.D.), Registered Sick Children's Nurses (R.S.C.N.), Registered Fever Nurses (R.F.N.).

NURSES ON THE GENERAL NURSING COUNCIL LIST UNDER S.18 OF THE NURSES ACT, 1943.

These are nurses who would have been entitled to State registration without examination had they applied in due time, and in respect of whom a list was opened (and is now closed) as an appendix to the Register referred to above, the list being

arranged in appropriate "parts" as is the main register. It seems that "nurses" on this list have all the privileges of State Registered Nurses except the wearing of the prescribed uniform. Persons on the list are entitled to the description "trained nurse." If, however, she is on a particular "part" of the list, *e.g.* "fever," this must be indicated by the use of the description "trained fever nurse."

STATE ENROLLED ASSISTANT NURSES (S.E.A.N.)

These are men and women who have qualified for the roll of assistant nurses kept by the General Nursing Council.

STUDENT NURSES

Persons in training for qualification as a State Registered Nurse.

PUPIL ASSISTANT NURSE

Persons in training for a State Enrolled Assistant Nurse.

TRAINED NURSE

This description may be used by a person on the list kept under s.18 of the Nurses Act, 1943, and by one who has passed the examinations for the State Register but is under 21 years. If qualified, or qualified but by reason of age, otherwise than for the general part of the register or list, this must be indicated by appropriate words. Service trained nurses when out of the services may use the appropriate description such as "service trained male nurse."

MATERNITY NURSE

Subject to certain notices, State Certified Midwives and those deemed certified under Defence Regulations may use the description "maternity nurse."

Provision is also made for the appropriate description to be used by persons who have or are training for certain other nursing qualifications, such as the certificate of the Tuberculosis Association, the Royal Medico-Psychological Association, and the like. In addition, provision is made for reciprocal recognition of nursing qualifications awarded abroad.

Pharmacists. Members of the Pharmaceutical Society are entitled to the privilege in law of undertaking responsibility for the dispensing of poisons and dangerous drugs. This is broadly true in hospitals as well as elsewhere, though exceptionally, institutions with a dispenser holding the Apothecaries' Hall qualification or the appropriate R.A.M.C. qualification may be given individual exemption from compliance with the general requirements of the Dangerous Drugs Act, but *see further* under Dangerous Drugs, also Poisons, Penicillin Act, 1947, and Radioactive Substances Act, 1948.

All members of the Pharmaceutical Society are entitled to the designation "pharmacist," but within that general designation there is a subdivision into "chemists and druggists" (persons who have taken the ordinary standard examination of the Society) and "pharmaceutical chemists" or "pharmaceutists" (persons who have taken the more exacting examination leading to that qualification). In law there is no distinction between the privileges of "pharmaceutical chemists" and "chemists and druggists." Also it must be appreciated

¹The feminine in this case includes the masculine.

that with the increasing provision of courses in pharmacy leading to a university degree (B.Pharm.), students taking that degree may not bother to do more to obtain their formal registration with the Society than to complete the Society's minimum requirements, so that such a person, although on the Society's books as a "chemist and druggist" may be no less well qualified than those who have taken the alternative higher qualification.

Radioactive Substances Act, 1948

As from an appointed day yet to be fixed at the time of writing (January, 1949), this Act provides for a strict control of the manufacture, supply and use of radioactive substances and the use of irradiating apparatus for therapeutic purposes.

Substantially, so far as supply of radioactive substances and their use for treatment of human being is concerned, the Act provides for control on the lines of the Dangerous Drugs Acts. As under these Acts, hospitals, clinics and nursing homes will be able to obtain supplies, which may, however, be used for treatment of patients only by or under the direction of a medical practitioner or dentist duly licensed for the purpose. There is also power reserved in the Act to exempt other persons or classes of persons from the provisions of the Act and it may be that this power will in due course be used to permit properly trained technicians and nurses to use on or administer such substances to patients on the instruction of qualified medical or dental practitioners, but not under their immediate direction. It is difficult at this stage and before any regulations or orders have been issued to say more on the subject.

The use of irradiating apparatus (which may be a wider term than X-ray apparatus) for treatment of human beings is, from the appointed day, restricted to qualified medical and dental practitioners duly licensed for the purpose, or to persons acting in accordance with the instructions of such a practitioner. Use of irradiating apparatus for diagnosis as distinct from treatment is not directly restricted by the Act, but may be brought within its terms by regulation.

The Act also provides for the making of safety regulations in respect of occupations involving radioactive substances and irradiating apparatus and for powers of entry and inspection. Premises which are mainly residential can be entered and inspected without permission of the occupier only on a justice's warrant. In our view hospitals are residential premises, but the question is open to discussion.

Receipts

Ordinarily, receipts for amounts of £2 and upwards should bear a twopenny unappropriated inland revenue stamp, which may take the form of a postage stamp or stamps to that value provided they are properly cancelled with the date or the signature of the person giving the receipt. Whenever a receipt, if given, would attract stamp duty it is an offence to refuse or neglect to give a receipt on demand.

Stamp Duty—Exemptions. Receipts given by hospital authorities established under the National Health Service Act, 1946, or the National Health Service (Scotland) Act, 1947, *viz.* Regional Hospital Boards, Boards of Governors of teaching hospitals, Hospital Management Committees and Boards of Management, are exempt from Stamp Duty under s. 103 of the Stamp Act, 1891, provided such receipts are given in respect of moneys for which the hospital authority is accountable to the Exchequer (e.g. payments made by paying or part-paying patients under ss. 4 and 5 of the 1946 Act). But receipts for moneys constituting endowments or income of endowments (e.g. rent of land constituting an endowment) are not exempt from stamp duty. Although there is no legal authority for it, exemption is in practice also conceded to receipts for charitable gifts, though if the payer or donor demands a properly stamped receipt it should be given.

Also exempt from stamp duty under s. 103 of the Stamp Act, 1891, are officers' receipts given to their employing authority for salaries, wages and expenses, and the view of the Ministry of Health is that this exemption extends to receipts given by members of hospital authorities and their committees for payments in respect of travelling expenses, subsistence allowance and loss of remunerative time.

Voluntary hospitals enjoy no exemption in respect of stamps on receipts they may give otherwise than the practical exemption of receipts for voluntary donations. Receipts given by their staff for salaries, wages and expenses fall within the exemption mentioned in the last paragraph.

Cheques. Cheques issued by Regional Hospital Boards, Boards of Governors of teaching hospitals, Hospital Management Committees and Boards of Governors, are not exempt from Stamp Duty and must bear a twopenny unappropriated Inland Revenue stamp.

Search—see under *Theft*

Shop Acts

Any hospital which carries on a retail trade or business, e.g. shop where staff or patients can supply their needs, must comply with the conditions as to hours, staff conditions, etc., as laid down in the Acts and the regulations and orders made thereunder.

Testimonials and References

There is no obligation on an employer to give an employee or ex-employee a testimonial, or to answer enquiries about him, but to refuse a testimonial or the customary facility for reference is oppressive except where justified by the dishonesty or grave misconduct of the person concerned. Provided an employer or ex-employer or an officer of an employing or ex-employing authority states honestly and on proper occasion what he believes to be the truth concerning the ability and character of the person to whom the testimonial or reference

relates neither the employer nor the officer giving the testimonial or answering as referee is liable in damages even though defamatory statements made are false. But if the false defamatory statements are made otherwise than on a proper occasion and to a person properly interested (such as a prospective employer) there is no protection from an action for libel or slander. The necessary communication to subordinates, *e.g.* to a shorthand-typist, is also privileged, but not excessively wide publication as, for example, by putting the answer to an inquiry in the wrong envelope. See also under *Libel and Slander*.

Theft

Prosecution. Theft in hospital, whether by staff, patients or callers, is a troublesome problem. If the culprit is discovered, the evidence being beyond all reasonable doubt, the problem reduces itself to one of policy rather than law. The hospital authority is under no obligation to prosecute¹ though it must not make an agreement with the thief not to do so on condition that he hands back or assists in recovery of the stolen property, for this would be compounding a felony. However, provided no such agreement is made, the hospital may properly take the thief's subsequent restitution or help in recovery into account in reaching a decision. If a hospital does decide to prosecute, the costs of the prosecution will fall on the hospital authority. But the hospital authority cannot prevent the police prosecuting if the case has come to their notice and they consider it appropriate to do so.

Search. If there are thefts which have not been brought home to a particular person though there is someone suspect, it is important that the greatest care should be exercised not to publish unfounded charges. If a course of wrongdoing is suspected the best plan is probably to report the known facts to the police, and any reasonable suspicions and the basis therefor, and invite their co-operation. But it may be that there are grave suspicions that a particular employee, or possibly a patient, is taking stolen goods off the premises and it may be desired to catch him redhanded. Then the idea of a search is very attractive, but the attraction must usually be resisted since hospital authorities have no greater right of search without warrant than any private person, and should anyone be wrongfully detained and searched, there being no stolen goods found on him, the hospital authority and its officers concerned would probably be mulcted of heavy damages. Moreover, any false defamatory statement uttered as alleged justification for the search might itself constitute a separate actionable wrong. Some employers do make it a condition of employment that employees will submit to search when required to do so, but even if a hospital authority made such condition

and the employee, in the event, refused to submit to search, it is doubtful whether he could be compelled to do so. Probably in the circumstances the refusal would itself constitute a ground for dismissal without notice and that is all.

Arrest. If a theft or embezzlement is discovered, an officer of the hospital authority acting on its behalf may detain the wrongdoer, but only for so long as is reasonably necessary to charge him and hand him over to the police.

Trespassers

A trespasser is a person without the express or implied permission of the occupier and without lawful justification or excuse on premises (such as a hospital or private house and including the grounds) in occupation of another. Such a person may be ordered off the premises by the occupier or his servant or agent and, if he refuses to go, may be removed with the exercise of such reasonable force as is necessary. Excessive force in removing a trespasser, or any personal assault on him not reasonably necessary in self defence, will give the trespasser a cause of action for damages. Similarly, it is not permissible to set a trap to injure unwary trespassers and liability will be incurred if anyone is injured thereby. If a trespasser refuses to leave when asked to do so and resists or threatens to resist removal, it is wise, where practicable, to seek the co-operation of the police.

Truck Acts

It is generally forbidden by the Truck Acts to pay manual labourers *other than domestic and menial servants*, in kind, though deduction from wages of the real value of meals supplied on the premises is permitted if there is an agreement in writing to that effect. Deduction of fines either by written agreement or in accordance with a conspicuous notice is also permitted.

The scope of the exception as to domestic and menial servants has caused some uncertainty from time to time. In one case, a voluntary hospital engineer-stoker was held to be within the exception. It cannot, however, be assumed that the decision in that case would necessarily be followed if the defendant were a hospital taken over by the Minister of Health.

Young Persons, Employment of

The hours and conditions of work of young persons in certain employments, such as collection and delivery of goods, and as outside messengers, is governed by the Young Persons (Employment) Act, 1939. There are also provisions for the protection of young persons in the Factories Acts and—though not so likely to affect hospitals—in the Education Act, 1944. This is a subject on which it is well to seek the advice of the local factory inspector.

¹ For formal completeness it may be observed that if goods stolen have been sold in market overt they can generally be recovered only if the thief has been prosecuted to conviction.

III—STATUTORY INSTRUMENTS, MEMORANDA AND CIRCULARS—ENGLAND AND WALES

(a) Statutory Instruments issued under the authority of the National Health Service Act, 1946.

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
46/2158	The National Health Service (Determination of Regional Hospital areas) Order, 1946.	18.12.46	The Order sets out the areas for which Regional Hospital Boards are constituted in accordance with S. 11 of the National Health Service Act, 1946.
47/646	The National Health Service (Leicestershire and Rutland) Executive Council Order, 1947.	10.4.47	The Order constitutes a single Executive Council for the County Councils of Leicester and Rutland.
47/889	The National Health Service (Executive Councils) Regs., 1947.	15.5.47	The Regulations provide for the appointment and term of office of members of Executive Councils and for the procedure of the Councils. They also provide for the setting up of an Ophthalmic Services Committee in the area of each Executive Council and prescribe the qualifications to be held by doctors and ophthalmic and dispensing opticians who participate in those Services.
47/930	The National Health Service (Monmouthshire and Newport) Executive Council Order, 1947.	26.4.47	The Order constitutes a single Executive Council for the County Council of Monmouthshire and the County Borough of Newport.
47/983	The National Health Service (Appointed Day) Order, 1947.	1.7.47	The Order brings into force on 1st July, 1947, certain provisions of the National Health Service Act, 1946, of which the most important is S. 49, transferring to the Minister some of the Administrative functions of the Board of Control. It also brings into force various amendments of the Acts relating to mental treatment and mental deficiency.
47/1180	The National Health Service (Denbighshire and Flintshire) Executive Council Order, 1947.	28.5.47	The Order constitutes a single Executive Council for the County Council of Denbighshire and Flintshire.
47/1297	The National Health Service (Constitution of Regional Hospital Boards) Order.	24.6.47	The Order names the original Chairmen and Members of the fourteen Regional Hospital Boards for England and Wales.
47/1298	The National Health Service (Regional Hospital Boards, etc.) Regs., 1947.	24.6.47	The Regulations provide for the appointment and term of office of Members of Regional Hospital Boards, Hospital Management Committees and Boards of Governors of Teaching Hospitals and for the proceedings of their meetings.
47/1330	The National Health Service (Travelling Allowances, etc.) Regs., 1947.	26.6.47	The Regulations provide for payments for loss of remunerative time, travelling expenses and subsistence allowances to members of hospital authorities and Executive Councils.
47/1359	The National Health Service (Mental Deficiency) Amendment, Regs., 1947.	1.7.47	The Regulations make such amendment of the Mental Deficiency Regulations, 1935, as is required by reason of the transfer of functions from the Board of Control to the Minister of Health by Part V of the National Health Service Act, 1946.
47/1360	The National Health Service (Mental Treatment) Amendment Rules, 1947.	1.7.47	The Rules make such amendment of the Mental Deficiency Rules, 1930, as is required by reason of the transfer of functions from the Board of Control to the Minister of Health by Part V of the National Health Service Act, 1946.
47/1775	The National Health Service (Superannuation) Regs., 1947.	5.7.48	<p>The Regulations provide for the establishment of a contributory superannuation scheme for:—</p> <ul style="list-style-type: none"> (a) officers and servants of Regional Hospital Boards, Executive Councils and other bodies constituted under the National Health Service Act, 1946; (b) general medical practitioners and general dental practitioners on the list of Executive Councils; and (c) other persons engaged in health services, whether provided under the Act or otherwise. <p>The scheme which is administered by the Minister of Health, is financed by contributions from the participants in its benefits and by contributions</p>

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
			<p>made out of Exchequer moneys. The scheme is not funded but is subjected to actuarial investigation periodically.</p> <p>The scheme is designed to provide benefits comparable with those applicable in the case of an established civil servant under the Superannuation Act, 1918–1946. The major benefits are a pension and a lump sum retiring allowance, together with a widow's pension. Subsidiary benefits include a death gratuity, an incapacity pension, an injury allowance, a short service gratuity and an option to a pensioner to allocate part of his pension to his wife or any dependant. Provision is made for preserving the rights in respect of previous superannuable service of persons who become participants in the scheme on being transferred under the Act of 1946 to the central health service. In addition, superannuable employment in the central health service is made interchangeable with superannuable service in the Civil Service, the Local Government Service and the Teaching Service.</p> <p>The scheme also extends and modifies the Local Government Superannuation Act, 1937, in its application to local health authorities and other superannuation schemes administered by local health authorities under local Acts substituting benefits similar to those provided by the Regulations for the benefits of the Act of 1937 or those local Act schemes in relation to superannuable employees on the medical and nursing staff of the local health authorities and to any other classes of superannuable employees designated by the Minister. Similar provision is made in relation to the superannuable staff employed by local education authorities for the purpose of the school health service.</p>
48/60	The National Health Service (Functions of Regional Hospital Boards, etc.) Regs., 1948.	21.1.48	The Regulations prescribe the duties to be performed by Regional Hospital Boards, Hospital Management Committees and Boards of Governors of Teaching Hospitals, in the administration of the hospital and specialist services so far as those duties are not specifically imposed by the National Health Service Act, 1946.
48/112	The National Health Service (Appointed Day) Order, 1948.	5.7.48	The Order fixed the "appointed day" for the National Health Service Act, 1946, other than those sections brought into operation by Statutory Rules and Orders, 1947, No. 983 (see above) at 5th July, 1948.
48/167	The Isles of Scilly (National Health Service) Order, 1948.	30.1.48	The Order extends to the Isles of Scilly the provisions of the National Health Service Act, 1946, subject to certain modifications. It revokes the earlier Isles of Scilly (National Health Service) Order, 1946, which applied part only of the Act to the Isles.
48/419	The National Health Service (Superintendents of Mental Hospitals, etc.) Regs., 1948.	1.5.48	The Regulations provide for the appointment of a Superintendent for each mental hospital or mental deficiency institution, and define the powers of such officer.
48/441	The National Health Service (Executive Council for the Isles of Scilly) Regs., 1948.	1.4.48	The Regulations make provisions with respect to the appointment and tenure of office of members and staff of the Executive Council for the Isles of Scilly and with respect to the procedure of the Council.
48/505	The National Health Service (General Dental Services) Regs., 1948.	24.3.48	The Regulations provide for the arrangements which Executive Councils are required to make under Part IV of the National Health Service Act, 1946, for the provision of general dental services. Provision is also made for the constitution of the Dental Estimates Board.
48/506	The National Health Service (General Medical and Pharmaceutical Services) Regs., 1948.	24.3.48	<p>The Regulations provide for the arrangements to be made by Executive Councils under Part IV of the National Health Service Act, 1946, with medical practitioners and chemists for the provision of a general medical practitioner Service (including a maternity medical service) and the supply of drugs, medicines and appliances. The terms of service for general medical practitioners and chemists are included as schedules to the Regulations.</p> <p>The Regulations further provide for the setting up of the Medical Practices Committee, its constitution and its procedure for determining applications for medical practitioners for inclusion in a medical list and prescribe the form of certificate to be issued to medical practitioners under section 35 (9) of the Act that a transaction does not involve the sale of goodwill.</p>

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
48/507	The National Health Service (Services Committees and Tribunal) Regs., 1948.	24.3.48	The Regulations provide for disciplinary matters and the determination of disputes arising in connection with the provision of general medical and dental services and pharmaceutical services under Part IV of the National Health Service Act, 1946. Provision is made for the constitution by an Executive Council of service committees, for their investigation of complaints and for the action which may be taken against practitioners on such complaints. In certain cases it is provided that disputes may be referred to Local Medical or Dental Committees. The Regulations include provisions governing the procedure before the Council, the Service Committees, and the Local Medical and Dental Committees, and for appeals against the decisions of these bodies. The Regulations further prescribe the procedure to be followed in the hearing of representations for the removal of a practitioner or chemist from a list under S. 42 of the Act.
48/567	The National Health Service (Transfer of Local Authority Functions) Regs., 1948.	1.4.48	The Regulations provide for the transfer of functions from local authorities to local health authorities, particularly in respect of property and sundry liabilities.
48/575	The National Health Service (Central Health Services Council and Standing Advisory Committees) Regs., 1948.	1.4.48	The Regulations prescribe the periods for which members of the Central Health Services Council and of Standing Advisory Committees are to be appointed.
48/656	The National Health Service (Designation of Teaching Hospitals (No. 1)) Order, 1948.	24.3.48	The Order designates hospitals and groups of hospitals outside the Metropolitan area as teaching hospitals.
48/888	The National Health Service (Apportionment and Transfer) Regs., 1948.	1.5.48	<p>The Regulations provide for the apportionment and vesting of interests in premises used partly for hospital purposes and partly for other purposes and of property which, if held solely for the purposes of a single voluntary hospital, would constitute an "endowment" of that hospital; for the apportionment of rents and other periodical payments payable in respect of transferred property; and for the apportionment of liabilities incurred partly for hospital purposes and partly for other purposes. Provision is also made for the control and management of apportionable premises pending apportionment.</p> <p>The Regulations also provide for the transfer to the Minister of Health of interests in premises and of liabilities held or incurred for the purposes of two or more voluntary hospitals. Part V of the regulations contains provisions supplementary to or consequential on the transfer and apportionment of property and liabilities including a provision for arbitration in respect of disputed transfers.</p>
48/979	The National Health Service (Designation of Teaching Hospitals (No. 2)) Order, 1948.	7.5.48	The Order designates hospitals and groups of hospitals within the Metropolitan area as teaching hospitals.
48/1075	The National Health Service (Emergency Mental Treatment) Regs., 1948.	5.7.48	The Regulations contain provisions for safeguarding the welfare of persons alleged to be of unsound mind, who for their protection or the public safety, are removed to hospitals designated for the purpose pending the taking of further proceedings for their reception into mental hospitals.
48/1156	The National Health Service (Executive Councils) Amendment Regs., 1948.	3.6.48	The Regulations amend the National Health Service (Executive Councils) Regulations, 1947 (S.R. & O. 1947, No. 889) by inserting further provisions as to the retirement of members, provision for validating the acts of an Ophthalmic Services Committee notwithstanding a defect in its membership and further provisions with respect to the qualifications to be held by persons and companies providing supplementary ophthalmic services.
48/1237	The National Health Service (Transfer of Property and Liabilities of Insurance Committees, etc.) Regs., 1948.	20.6.48	The Regulations make provision in accordance with section 69 (2) of the National Health Service Act, 1946, for the transfer of the property and liabilities of Insurance Committees to Executive Councils and of the Dental Benefit Council and the Ophthalmic Benefit Approved Committee to the Minister.
48/1239	The National Health Service (Executive Council and Dental Estimates Board) Financial Regs., 1948	1.7.48	The Regulations lay down the financial procedure to be followed by the Executive Councils and the Dental Estimates Board in the exercise of their functions under Part IV of the National Health Service Act, 1946. The Regulations further provide for the form of accounts to be kept by the

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
			Councils and the Board, for the accounts to be furnished by them to the Minister and for the audit of these accounts.
48/1273	The National Health Service (Supplementary Ophthalmic Services) Regs., 1948.	5.7.48.	The Regulations provide for the arrangements which Executive Councils through Ophthalmic Services Committees are required to make under Part IV of the National Health Service Act, 1946, for the provision of Supplementary Ophthalmic services.
48/1292	The National Health Service (Dissolved Authorities) Regs., 1948.	21.6.48	The Regulations provide for the winding up of bodies dissolved by section 78 of the National Health Service Act, 1946 and for the vesting of their property and liabilities in the appropriate authorities.
48/1297	The National Health Service (General Dental Services) Fees Regs., 1948.	5.7.48	The Regulations provide for the fees and remuneration which are to be paid to dental practitioners practising elsewhere than at a health centre for the provision of general dental services. The Regulations also prescribe the charges payable by persons in respect of the supply, replacement, or repair of dental appliances of a more expensive type than the standard type and in respect of special dental treatment.
48/1301	The National Health Service (Joint Pricing Committee for England) Order, 1948.	14.6.48	The Order provides for the constitution of a Joint Committee to carry out the duties of the Executive Councils of England with respect to the checking and pricing of the prescriptions for drugs, medicines and appliances supplied as pharmaceutical services under S. 38 of the National Health Service Act, 1946.
48/1413	The National Health Service (Expenses in Attending Hospitals) Regs., 1948.	5.7.48	These Regulations provide for the payment in certain circumstances of travelling expenses of persons attending hospitals and clinics for the purpose of obtaining hospital and specialist services.
48/1414	The National Health Service (Hospital Accounts and Financial Provisions) Regs., 1948.	5.7.48	The Regulations provide for the submission of estimates of income and expenditure by Regional Hospital Boards, Hospital Management Committees and Boards of Governors of Teaching Hospitals and for their approval by the Minister of Health, for the accountancy methods to be used and for incidental matters.
48/1415	The National Health Service (Qualifications of Health Visitors and Tuberculosis Visitors) Regs., 1948.	5.7.48	The Regulations prescribe the qualifications to be held by health visitors and tuberculosis visitors employed by local health authorities or employed by voluntary organisations under arrangement with local health authorities. Power is taken to dispense with the requirements of the regulations in order to enable persons employed as visitors to continue to serve until the supply of fully qualified visitors becomes adequate.
48/1416	The National Health Service (Appointment of Specialists) Regs., 1948.	29.6.48	The Regulations make provision with respect to the appointment of certain classes of medical and dental officers to the Hospital and Specialist Services. They require the advertising of posts to be filled and provide for the setting up of Advisory Appointments Committees to select and submit to the appointing body the names of the suitable applicants.
48/1448	The National Health Service (General Medical and Pharmaceutical Services) Amendment Regs., 1948.	5.7.48	These Regulations amend the National Health Service (General Medical and Pharmaceutical Services) Regulations, 1948, for two main purposes: first to extend the arrangements for maternity medical services to enable payment to be made to a woman's own doctor to provide her with maternity medical services notwithstanding that he is not possessed of qualifications recognised by the Local Obstetric Committee, and secondly, to enable a doctor to claim to be paid partly by a fixed annual payment of £300 at his option, subject to the Executive Council agreeing or, on appeal, the Minister.
48/1474	The National Health Service (Superannuation) (Amendment) Regs., 1948.	1.7.48	These Regulations amend the National Health Service (Superannuation) Regulations, 1947. They correct certain anomalies in the principal regulations and make various drafting and minor amendments. In addition the regulations confer additional rights on persons subject to the provisions of the principal regulations and extend those regulations to additional classes of persons.
48/1475	The National Health Service (Transfer of Officers and Compensation) Regs., 1948.	5.7.48	These Regulations provide for the transfer to Regional Hospital Boards of officers employed at hospitals which are transferred to the Minister under the National Health Service Act, 1946, and

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
			for the transfer of officers employed by bodies from whom functions are transferred by that Act to the appropriate authority. The Regulations also provide the machinery for compensating persons losing employment or remuneration as a result of the transfer of functions under the National Health Service Act, 1946.
48/1483	The National Health Service (Superannuation) (England and Scotland) Regs., 1948.	30.6.48	The Minister of Health has made regulations under subsection (1) of S. 67 of the National Health Service Act, 1946, providing superannuation benefits for persons employed in the central health service and in local health authority service. The Secretary of State has made similar provision as respects Scotland under subsection (1) of S. 66 of the National Health Service (Scotland) Act, 1947. These Regulations provide for interchangeability of service with preservation of superannuation rights between the English and Scottish health services, and between either of those services and the Local Government Service and the Teaching Service in Great Britain. Consequential provision is made for the payment of transfer values, etc., to and by the Minister of Health, the Secretary of State and the other authorities concerned.
48/1488	The National Health Service (Welsh Joint Pricing Committee) Order, 1948.	3.7.48	The Order provides for the constitution of a Joint Committee to carry out the duties of the Executive Councils in Wales with respect to the checking and, pricing of the prescriptions for drugs, medicines and appliances supplied as pharmaceutical services under S. 38 of the National Health Service Act, 1946.
48/1489	The National Health Service (Control and Management of Hospital Endowment Fund) Regs., 1948.	5.7.48	These Regulations provide for the control and management of the Hospital Endowment Fund by the Minister of Health and enable the Minister to appropriate for hospital purposes any land belonging to the Fund on payment to the Fund of an appropriate sum by way of compensation. The Regulations also enable the Comptroller and Assistant Comptroller of the National Debt Office to act on the Minister's behalf in realising securities belonging to the Fund.
48/1490	The National Health Service (Pay-Bed Accommodation in Hospitals, etc.) Regs., 1948.	5.7.48	These Regulations prescribe the charges to be made for accommodation in hospitals consisting of single rooms or small wards and the charges to be made for special accommodation in hospitals provided for patients who undertake to pay charges designed to cover the whole cost of the accommodation and services provided by the hospital. The Regulations also limit the fees which may be charged by medical practitioners to their private patients in such special accommodation.
48/1505	The National Health Service (Charges for Appliances) Regs., 1948.	5.7.48	These Regulations provide for the recovery by the Minister of Health of charges for the supply of glasses, dentures and artificial limbs of a more costly kind than those ordinarily supplied under the hospital and specialist services and in respect of the repair of such articles. The regulations also provide for the recovery of the cost of replacing or repairing appliances which have been lost or damaged through carelessness.
48/1506	The National Health Service (Medical Practices Compensation) Regs., 1948.	5.7.48	The Regulations make provision for a medical practitioner whose name is included on the appointed day in the medical list of an Executive Council to claim compensation for the loss of the right to sell the goodwill of his practice.
48/1507	The National Health Service (General Dental Services) Fees (Amendment) Regs., 1948.	5.7.48	The Regulations amend the National Health Service (General Dental Services) Fees Regulations, 1948, by adding provisions for the remuneration of dental practitioners practising at health centres.
48/1579	The National Health Service (Designation of Teaching Hospitals — Cambridge Hospitals) Order, 1948.	6.7.48	The Order provides for the inclusion of the Chesterton Hospital, Cambridge (a former poor law institution) in the Cambridge teaching hospitals group.
48/1920	The National Health Service (Designation of Teaching Hospitals — The Bethlem Royal Hospital and The Maudsley Hospital) Order, 1948.	17.8.48	The Order provides for an alteration in the designation of the teaching hospital to which it relates.
48/2517	The National Health Service (Venereal Diseases) Regs., 1948.	1.12.48	The effect of these Regulations is to maintain the principle, originally contained in the Public Health (Venereal Diseases) Regulations, 1916, which it was necessary to revoke in consequence of the

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
			National Health Service Act, 1946, that information about persons attending venereal disease treatment centres (which are covered by the term "hospital") shall be treated as confidential.
48/2803	The National Health Service (General Dental Services) Fees (Amendment No. 2) Regs., 1948.	1.2.49	The Regulations amend the National Health Service (General Dental Services) Fees Regulations, 1948, by providing for a reduction of the fees payable to dental practitioners when the fees payable under those Regulations exceed a rate of £400 a month. The amount of the reduction is one half the fees in excess of that figure.
49/48	The National Health Service (General Dental Services) Fees Regs., 1949.	1.2.49	These Regulations remove certain drafting defects from the National Health Service (General Dental Services) Fees (Amendment No. 2) Regulations, 1948.
49/482	The National Health Service (Apportionment of Hospital Endowment Fund) Regs., 1949.	23.3.49	The Regulations provide that, after the discharge out of the Hospital Endowment Fund of certain liabilities transferred to the Minister of Health by the National Health Service Act, 1946, the balance of the Fund shall be apportioned between Regional Hospital Boards and Hospital Management Committees by reference to the number of beds in the hospitals which they control. The income of the Fund is to be distributed to the Boards and Committees proportionately to their shares.
49/564	The National Health Service (General Dental Services) Amendment Regs., 1949.	1.4.49	These regulations amend the existing regulations relating to the general dental services, and in particular provide for the use by dentists of a simplified estimate form in the case of certain kinds of emergency treatment. The regulations also make provision with respect to the choice of dentists for persons in approved schools, and make some minor amendments of the provisions of the existing regulations respecting the fees payable to dentists and other matters.
49/577	The National Health Service (General Medical and Pharmaceutical Services) Amendment Regs., 1949.	31.3.49	These regulations amend The National Health Service (General Medical and Pharmaceutical Services) Regulations, 1948, by making in respect of the financial year ending the 31st March, 1949, special provisions for the remuneration of doctors, by providing for the choice of a doctor or chemist on behalf of persons detained in an Approved School, and by making sundry minor amendments to those Regulations.
49/578	The National Health Service (Local Health Authorities) Estimation of Expenditure Regs., 1949.	31.3.49	These regulations prescribe the method of estimating the expenditure incurred by local health authorities on which Exchequer grant is payable.
49/955	The National Health Service (General Dental Services) Amendment (No. 2) Regs., 1949.	1.6.49	These regulations prescribe a fresh scale of fees for general dental services in substitution for the scale previously in operation, and provide for the continuance of regulations under which dentists' remuneration is cut if it exceeds a specified monthly sum.

(b) Ministry of Health Memoranda, Circulars, etc.

(i) Addressed to Hospital Management Committees

<i>Number</i>	<i>General Scope</i>
H.M.C. (48) 1	General scope of work of Hospital Management Committees and relationship to Minister and Regional Hospital Boards.
H.M.C. (48) 2	Administrative Staff Remuneration and Conditions of Service.
Addendum to H.M.C. (48) 2	Appointment of Finance Officer—qualifications required.
H.M.C. (48) 2a	The Circular defines the respective fields of responsibility for pharmaceutical supplies of hospital supplies officers and pharmacists.
H.M.C. (48) 3	The Circular instructs Hospital Management Committees on the insurance of premises, equipment and staff.

Number	General Scope
H.M.C. (48) 4	The Circular outlines functions which fall to be exercised individually or jointly by members of Hospital Management Committees under the Lunacy and Mental Treatment Acts, 1890–1930, and Mental Deficiency Acts, 1913–1938.
H.M.C. (48) 5	Description of scheme of postgraduate education for medical officers released from forces.
H.M.C. (48) 6	Adjustment of benefits of hospital patients in receipt of sickness benefit or pension from Ministry of National Insurance or national assistance or non-contributory pension from the National Assistance Board.
H.M.C. (48) 7	The Circular draws attention to points arising from the revised Mental Deficiency Regulations (S.I. 1948, No. 1000, issued under the authority of the Mental Deficiency Act, 1913).
H.M.C. (48) 8	The Circular deals with the payment and collection of moneys owing by or from dissolved authorities after the “appointed day,” the rendering of outstanding accounts by hospital authorities to contributory schemes by the “appointed day,” and other matters arising from the dissolution of former hospital authorities.
H.M.C. (48) 9	The Circular outlines the responsibility of the National Health Service for ambulance services, and gives rulings on the ownership of ambulances and ambulance stations, and the employment of ambulance staffs, after the “appointed day.”
H.M.C. (48) 10	The Circular deals with points arising from the replacement of the former Rules by the Mental Treatment Rules, 1948.
H.M.C. (48) 11	The Circular describes the purpose of the Mental Treatment (Adaption of Forms) Rules, 1948.
H.M.C. (48) 12	The Circular explains the purpose of the National Health Service (Emergency Mental Treatment) Regs., 1948, which make provision for persons dealt with under Sections 20 and 21 of the Lunacy Act, 1890.
H.M.C. (48) 13	The Circular prescribes a standard form of certificate for issue to patients claiming sickness or other benefit.
H.M.C. (48) 13a	The Circular provides for signature of intermediate certifications for hospital in-patients by non-medical officers.
H.M.C. (48) 14	The Memorandum deals with the payment of patients’ travelling expenses under certain circumstances. (S. 3 (3), National Health Service Act, 1946.)
H.M.C. (48) 15	The Circular deals with the issue of batteries for patients provided with Medresco hearing aids.
H.M.C. (48) 16	The Circular emphasises the Minister’s view that the Secretary of a Hospital Management Committee should in every case be a hospital administrator having, in addition to his general responsibility for the administration of the hospital group, the duties of carrying out with any necessary assistance the appropriate duties in respect of one or more hospitals in the group.
H.M.C. (48) 17	The scope of the regulations prescribing charges to be made to patients for accommodation in single rooms or small wards available under S. 4 of the Act, for accommodation and treatment in pay beds set aside under S. 5 (1), and for treatment as private in-patients and out-patients of a medical practitioner, is the subject of this Circular.
H.M.C. (48) 17a	The Circular emphasises the procedure to be followed in making the liability of patients using accommodation under ss. 4 and 5 of the Act clear to them from the outset.
H.M.C. (48) 18	The Memorandum explains income tax arrangements for employees of committees and boards.
H.M.C. (48) 19	The Circular outlines considerations to be regarded by Hospital Management Committees in drawing up lists of “mental health officers” in accordance with the definition contained in the National Health Service (Superannuation) Regs., 1947.
H.M.C. (48) 20	The Circular contains notes on certain of the subject heads of expenditure and income (Exchequer Services), including <i>inter alia</i> salaries and wages, provisions, uniforms and clothing, medical appliances, cleaning, canteens and shops, and occupational therapy.
H.M.C. (48) 21 and 21a, 21b, 21c and 21d	These Circulars deal with medical and surgical appliances which may be supplied to participants in the National Health Service, and contain lists of firms with whom contracts have been made. (Cancelled by H.M.C. (49) 67.)
H.M.C. (48) 22	This Memorandum tells hospital authorities what alterations in procedure are to be made in consequence of the absorption of the emergency hospital scheme in the National Health Service.
H.M.C. (48) 23	The Circular outlines arrangements made with the Board of Trade for Hospital Management Committees and Boards of Governors of teaching hospitals to exercise the same statutory powers in the matter of textile rationing as were already exercised by local authorities.
H.M.C. (48) 24	The Circular draws attention of hospital authorities to points arising from the National Assistance Act, 1948, these being, in particular, classification of the sick and non-sick, medical work in mixed institutions, property of patients, and casuals.
H.M.C. (48) 25	The Circular explains the vesting and use of endowment and other “free” money by hospitals in the National Health Service.
H.M.C. (48) 25a	The Circular places beyond doubt that appeals for funds by hospitals in the National Health Service are not to be made, whilst at the same time emphasising that gifts from independent bodies, individuals, and groups of supporters may be accepted, and that other forms of voluntary effort are not to be discouraged.
H.M.C. (48) 26	The Circular deals with statistical returns to be made by hospital authorities.

<i>Number</i>	<i>General Scope</i>
H.M.C. (48) 27	The Circular draws attention of Hospital Management Committees and Boards of Governors to the contents of Ministry of Health Circular 116/48, dealing with the rating of hospitals.
H.M.C. (48) 28	The Circular gives instructions to the effect that hospital staffs for whom no guidance as to salaries and conditions of service is given are to be paid according to scales and rates prescribed by present negotiating machinery or, in the absence of such machinery, those which have in fact been paid in the hospital. It draws attention to the option open to officers in accordance with para. 11 of H.M.C. (48) 2 to retain existing salaries where these are better than those prescribed by any recognised joint negotiating machinery.
H.M.C. (48) 29	The Circular deals with the supply, repair and maintenance of dental appliances, charges for dentures of a more expensive type, and the assistance of regional dental officers of the Ministry.
H.M.C. (48) 30	This Memorandum deals with the licensing and insurance of hospital vehicles which are transferred to the Minister under S. 6 of the National Health Service Act, 1946, and the supply of petrol for use in these vehicles and for members of Hospital Management Committees and Boards of Governors of teaching hospitals for use in their own cars.
H.M.C. (48) 31	The object of the memorandum is to bring to the notice of hospital authorities the immediate effect of the introduction of the National Health Service on their arrangements for the prescription and dispensing of glasses. It deals with such matters as types of glasses available, methods of dispensing, replacement and repair, and artificial eyes.
H.M.C. (48) 32	The Circular outlines the arrangements for the use by hospital authorities of the official car service organised by the Ministry of Supply.
H.M.C. (48) 33	The Circular is concerned with the provisions of the National Health Service (Superannuation) (Amendment) Regs., 1948 (S.I. 1948, No. 1474), and the National Health Service (Superannuation) (England and Scotland) Regs., 1948 (S.I. 1948, No. 1483), and explains their purport.
H.M.C. (48) 34	The Circular deals with the running of hospital canteens and shops.
H.M.C. (48) 35	The Memorandum deals with hospital supplies of various kinds, and outlines various existing supply arrangements.
H.M.C. (48) 36	The Circular provides for the continuance, where it had previously been available, of assistance in certain pathological laboratories for technicians studying for degrees or professional qualifications. The Circular states that, pending a general review, it is not intended to extend these arrangements to other laboratories.
H.M.C. (48) 37	The Circular deals with salary scales and conditions of service for female student nurses (except mental training), and service allowance for continuous service in pulmonary tuberculosis nursing.
H.M.C. (48) 38	The Circular prescribes arrangements for supply of diphtheria anti-toxin.
H.M.C. (48) 39	The subject of the Circular is visits of inspection by officers of the Ministry of Education to special schools in hospitals.
H.M.C. (48) 40	The Paper gives guidance on the conditions of service and remuneration of the officers responsible for hospital engineering services.
H.M.C. (48) 41 and 41/1	The Circulars deal with hospital building work, a memorandum on this subject being sent under cover of H.M.C. (48) 41.
H.M.C. (48) 42	The Paper describes the machinery set up in the form of the Whitley Councils for the Health Services (Great Britain) for the negotiation of remuneration and conditions of service, and deals with certain related matters.
H.M.C. (48) 43	The Circular makes provision for persons to be patrons and vice-patrons of hospitals, and also deals with Royal patronage.
H.M.C. (48) 44	The Memorandum deals with the transfer to the Minister under ss. 6 and 7 of the Act of hospital property other than the premises and endowments of teaching hospitals, and the management of Hospital Endowment Fund Property.
H.M.C. (48) 45	The Memorandum gives instructions for carrying out transactions in land for hospital purposes, where such transactions are undertaken on behalf of the Minister by Regional Hospital Boards and Hospital Management Committees.
H.M.C. (48) 46	The Circular deals with changes in the conditions of service of administrative and clerical staffs resulting from revised recommendations of the National Joint Council for Local Authorities Administrative, Professional, Technical and Clerical Services.
H.M.C. (48) 47	The Circular deals with the provision of clothing for hospital patients.
H.M.C. (48) 48	The Circular deals with returns of statistics of nursing, midwifery and domestic staffs of hospitals and institutions.
H.M.C. (48) 49	The Circular deals with the exercise of options by transferred officers under the provisions of the National Health Service (Superannuation) Regs., 1947 and 1948, pointing out that notice of the exercise of option <i>must</i> be given to the Employing Authority by 4th October, 1948, after which time the Minister had no power to grant exemption.
H.M.C. (48) 50	The Circular gives guidance on the procedure to be followed when Ministry of Pensions cases are admitted to hospital.
H.M.C. (48) 51	The Memorandum deals with actions pending at the Appointed Day, and provision for the transfer of rights and liabilities in respect thereof to the Minister.
H.M.C. (48) 52	This Circular is concerned with the training and deferment of calling up under the National Service Acts of male trainee medical laboratory technicians.

<i>Number</i>	<i>General Scope</i>
H.M.C. (48) 53	The purpose of this Memorandum is to draw attention to the change in the work of the Almoner's Department brought about by the National Health Service, and to make suggestions for its maximum utilisation in the new Service.
H.M.C. (48) 54	<i>Cancelled before circulation.</i>
H.M.C. (48) 55	Attention is drawn to the provisions of the Education (Miscellaneous Provisions) Act, 1948, as far as they affect the Mental Deficiency Service and children in mental hospitals.
H.M.C. (48) 56	The Circular deals with the omission if desired of the term " mental " from the nomenclature of mental hospitals, except in the body of statutory documents.
H.M.C. (48) 57	The Circular outlines the procedure for the inspection of dietary and catering arrangements at hospitals in the National Health Service.
H.M.C. (48) 58	The Circular reiterates the Minister's view of the way in which the definition of a mental health officer should be interpreted, and in certain circumstances requires the submission of revised lists by Hospital Management Committees.
H.M.C. (48) 59	The Circular deals with the payment of new training allowances for student nurses, pupil and probationer assistant nurses and pupil midwives.
H.M.C. (48) 60	This is a clarification of various conditions of service, these being sickness payments, the reporting of accidents in accordance with the National Insurance (Industrial Injuries) Act, 1946, and income tax relief on superannuation contributions.
H.M.C. (48) 61	This Circular was sent as a covering document to a booklet of Notes on Problems affecting Nursing and Domestic Staff in Hospitals.
H.M.C. (48) 62	The Circular deals with the appointment of Chaplains and the arrangement of Chapels in hospitals.
H.M.C. (48) 63	The Memorandum embodies the Minister's views on the lines on which development of the Hospital Eye Service should take place.
H.M.C. (48) 64	The Circular provides for the notification of the admission, discharge and death of Service patients.
H.M.C. (48) 65	The subject of the Circular is the removal of memoranda, etc., in the R.H.B./H.M.C./B.G. series from the list of " confidential " circulars.
H.M.C. (48) 66	Provision is made for expenditure from Exchequer Funds of up to 5s. per head of patients and resident staff for Christmas festivities.
H.M.C. (48) 67	Provision is made for the registration and employment of doctors not holding United Kingdom Certificates.
H.M.C. (48) 68	The Circular communicates the terms of the remuneration of student mental nurses agreed by the Nurses and Midwives Whitley Council.
H.M.C. (48) 69	The Circular deals with the supply to hospitals of vaccines, sera, etc., and appends a list of constituent and associated laboratories of the public health laboratory service.
H.M.C. (48) 70	The Circular deals with the designation of part-time specialists and other part-time medical officers in the National Health Service.
H.M.C. (48) 71	The Circular deals with arrangements for long-stay hospital patients to undertake productive industrial work, and the payment for such work; it also asks hospitals to encourage practical work as a valuable form of occupational therapy.
H.M.C. (48) 72	The Circular rules that special allowances to student nurses, pupil assistant nurses and pupil midwives should continue to be paid to persons already in receipt of them, but that new special allowances should be granted only to men, and only to those men who began their period of national service under the National Service Acts on or before 30th September, 1947.
H.M.C. (48) 73	This Memorandum explains to Regional Hospital Boards, Hospital Management Committees and Boards of Governors the statistical information relating to the hospital and specialist services with which the Minister asked to be supplied: first, to cover the year ending on the 31st December, 1948, and secondly, for future years.
H.M.C. (48) 74	The Circular draws attention to the fact that in accordance with the Rules of the General Nursing Council, made in pursuance of the Nurses Act, 1943, admission to the Roll of Assistant Nurses after 31st December, 1948, would be granted only to persons who had taken the prescribed training and passed the prescribed test. Enrolment by virtue of nursing experience would cease on 31st December, 1948, and it was essential that the persons who were qualified for enrolment by experience should apply to the General Nursing Council without delay.
H.M.C. (48) 75	The Circular covers A.S.C. Circular I, and communicates the terms of the Whitley Council agreement on pay and conditions of service of domestic staffs in the hospital service.
H.M.C. (48) 76	The Circular deals with the employment of German domestic staff in hospitals.
H.M.C. (48) 77	The Circular asks for returns in respect of statistics of nursing, midwifery and domestic staffs, and covers the forwarding of forms for this purpose.
H.M.C. (48) 78	The Memorandum relates to the Federated Superannuation Scheme for Nurses and Hospital Officers, and the distinction of contributions in hand at the appointed day, and payment of premiums since the appointed day.
H.M.C. (48) 79	The Circular deals with medical examination on appointment to posts in the National Health Service, and communicates the decision that the examining doctor should be asked to certify simply that the candidate " is free from any physical defect or disease which now

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	impairs his capacity satisfactorily to undertake the duties of the post for which he is a candidate." No opinion need be given on the likelihood of continuous effective service in the future.
H.M.C. (48) 80	The Circular deals with matters arising from the salaries of (i) post-registration student nurses employed during the period 5th July—31st August, 1948; (ii) pupil midwives; and (iii) smallpox nursing.
H.M.C. (48) 81	The Circular outlines arrangements under which dispensing may be undertaken by hospital pharmacists for members of hospital staffs.
H.M.C. (49) 1	The Circular gives some preliminary particulars of the Commonwealth Health and Tuberculosis Conference, 1949.
H.M.C. (49) 2	The Circular is concerned with the salaries and conditions of service of transferred officers, and in particular with the right of transferred officers to opt to retain former salary and conditions of service, and with grading.
H.M.C. (49) 3	The Circular deals with the appointment by Regional Hospital Boards and Boards of Governors of registrars and house officers, and gives advice on these posts and the type of officer who might be appointed to them.
H.M.C. (49) 4	The Memorandum is concerned with a review of out-patient arrangements, and makes recommendations in particular regarding (a) the elimination of unnecessary out-patient attendances; (b) the reduction of waiting-time to a minimum; and (c) the maximum convenience and comfort of the out-patient.
H.M.C. (49) 5	The Circular deals with facilities and equipment for remedial gymnastics in the hospital service.
H.M.C. (49) 6	The Circular outlines recent changes, agreed in the Whitley Council, in conditions of service of student nurses and pupil midwives entering into training on or after 1st January, 1949.
H.M.C. (49) 7	The Circular notifies various changes in procedure, etc., in the memorandum attached to R.H.B. (48) 54/B.G. (48) 44/H.M.C. (48) 41 (dealing with hospital building works). (Page 00.)
H.M.C. (49) 8	The Circular covers a memorandum on the licensing of mentally defective patients from institutions, prepared by the Board of Control for the information and guidance of Hospital Management Committees and the superintendents of institutions.
H.M.C. (49) 9	Attention is drawn to the decision reached in the General Council of the Whitley Councils for the Health Services on the authorisation of paid leave for staffs attending Whitley Council and staff organisation meetings.
H.M.C. (49) 10	The Circular draws attention to certain sections of the Criminal Justice Act, 1948, which involve the National Health Service.
H.M.C. (49) 11	The Circular deals with the increased demand for X-ray films and steps being taken to meet it, and enjoins stringent economy in the use of films by radiological departments.
H.M.C. (49) 12	The Circular asks hospital authorities to continue to make arrangements for the medical examination of sick and disabled persons referred by the Ministry of National Insurance and the Ministry of Labour and National Service.
H.M.C. (49) 13	The attention of Hospital Management Committees is drawn to the fact that provision of educational facilities for voluntary patients was made lawful by reason of the amendment of the Education Act, 1944, by the 1st Schedule to the Education (Miscellaneous Provisions) Act, 1948.
H.M.C. (49) 14	The Circular draws attention to the procedure for identifying persons not liable to be called up for service on grounds of being mental patients or mental deficient (paragraph 3 of First Schedule to National Health Service Act, 1946).
H.M.C. (49) 15	This Notice announces the agreement reached in the Administrative and Clerical Staffs Whitley Council on equal pay for men and women administrative officers, and a revision of certain of the salary scales for clerical and administrative staffs in Scotland.
H.M.C. (49) 16	The subject of the Circular is the extension of provisional contracts of hospital medical and dental staff, pending the settlement with the profession of final terms of remuneration and conditions of service in the light of the recommendations of the Spens Committee on the remuneration of consultants and specialists.
H.M.C. (49) 17	The Circular stresses the importance of professional officers not being excluded from meetings of management or house committees at which matters in which they are concerned are under discussion.
H.M.C. (49) 18	The Circular gives information about decisions of the Nurses' and Midwives' Whitley Council on remuneration of male ex-service student nurses, intensive course students, and other consequential matters.
H.M.C. (49) 19	The Circular deals with the transfer of patients to hospitals in Eire.
H.M.C. (49) 20	The Memorandum is concerned with (i) custody of patients' property; and (ii) pocket money, etc., for patients.
H.M.C. (49) 21	The Circular gives further information about the organisation of the hospital eye service and it points out that the detailed establishment suggested in paragraph 4 of H.M.C. (48) 63 was intended to be no more than a broad general indication of the composition of the team of the eye department, and that the ophthalmic surgeon will almost always need the additional help of clinical assistants. In practice it will be found that the number of medical staff, principals and assistants, will be determined by the local medical needs.
H.M.C. (49) 22	This Circular explains conditions under which railway fares can be granted for visitors to

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	patients at hospitals dealing with long stay cases (<i>e.g.</i> , mental hospitals, mental deficiency institutions, sanatoria).
H.M.C. (49) 23	The memorandum deals with the burial of patients dying in hospital, and with the transport and property of deceased patients.
H.M.C. (49) 24	The circular covers forms calling for statistics of nursing, midwifery and domestic staffs in hospitals and institutions.
H.M.C. (49) 25	The circular requests hospital management committees to notify admission and discharge of U.S.A. Service personnel.
H.M.C. (49) 26	The memorandum deals with rehabilitation and resettlement in National Health Service.
H.M.C. (49) 27	The circular describes arrangements for the provision of rest break houses for nurses and midwives.
H.M.C. (49) 28	The circular gives particulars of training allowances of post-registration student mental nurses, agreed by the Nurses and Midwives Whitley Council.
H.M.C. (49) 29	The circular covers A.C. Circular No. 2, which gives particulars of London Weighting for administrative and clerical staffs.
H.M.C. (49) 30	The circular deals with the proposed terms and conditions of service of hospital medical and dental staff.
H.M.C. (49) 31	The circular covers A.C. Circular No. 3, which sets out revised salary scales for senior officers of hospital management committees and boards of management.
H.M.C. (49) 32	The circular deals with supplementary payments in respect of pension "expectations" in the pre-July 5th employment to certain transferred local government employees.
H.M.C. (49) 33	The memorandum outlines arrangements with the Ministry of Labour and National Service for the examination of psychiatric cases.
H.M.C. (49) 34	The memorandum indicates the particular matters arising in the Town and Country Planning Act, 1947, which affect hospital authorities.
H.M.C. (49) 35	The circular covers copies of the National Formulary for the use of medical and nursing staff in hospitals.
H.M.C. (49) 36	The circular deals with the transfer of hospital property to the Minister of Health and asks hospital management committees to check as far as possible that the local authorities return of interests in land and premises held or used for hospital purposes did in fact cover the whole of the property which should have been transferred.
H.M.C. (49) 37	The circular deals with terms and conditions of service of hospital medical and dental staff.
H.M.C. (49) 38	The memorandum refers to the system of payments prescribed by Regulation 15 of S.I. 1948 No. 1414 and describes banking arrangements under the Regulations.
H.M.C. (49) 39	The memorandum cancels H.M.C. (48) 52/B.G. (48) 56 and deals with the deferment of calling up under the National Service Acts of male trainee Medical Laboratory Technicians.
H.M.C. (49) 40	The circular is attached to Ministry of Health circular 26/49 and appendices which describe the regional organisation of the Ministry as operating from 1st April, 1949.
H.M.C. (49) 41	The circular deals with the international statistical classification of diseases, injuries and causes of death.
H.M.C. (49) 42	The circular deals with hospital building works and notifies further changes in the procedure, etc., in the memorandum attached to R.H.B. (48) 54, H.M.C. (48) 41, B.G. (48) 44.
H.M.C. (49) 43	The circular deals with the International Hospital Federation and the Congress to be held by that body in Holland from 30th May to 4th June, 1949.
H.M.C. (49) 44	The circular draws the attention of hospital authorities to a six months' training course for hospital records officers being run jointly by the Association of Medical Records Officers, the King Edward's Hospital Fund for London, and the Board of Governors of the Middlesex Hospital.
H.M.C. (49) 45	The circular gives further guidance to hospital management committees on the subject of payments to be made for mentally defective patients sent on holiday leave.
H.M.C. (49) 46	The circular deals with the common seals which boards of governors and hospital management committees are required to have by Part IV of the Third Schedule of the National Health Service Act, 1946.
H.M.C. (49) 47	The memorandum gives guidance on various questions concerning the payment of general dental service fees for dental treatment provided in hospitals.
H.M.C. (49) 48	The circular covers A.S.C. Circular No.2, setting out decisions of the Health Services Ancillary Staffs Council.
H.M.C. (49) 49	The circular deals with:— (i) Control of expenditure. (ii) Financial and Accounting Systems. empowering the regional boards in consultation with the Ministry, to lay down financial and accounting systems for general adoption as quickly as circumstances permit.
H.M.C. (49) 50	The circular draws attention of hospital authorities to the need for promoting National Savings Groups and for increasing the activities of those in existence.
H.M.C. (49) 51	The circular deals with the enrolment of persons on the Roll of Assistant Nurses.

<i>Number</i>	<i>General Scope</i>
H.M.C. (49) 52	The circular deals with attendance at conferences and states that the Minister does not consider that the expenses of members and officers of boards and committees who may wish to attend such conferences should be met from exchequer funds, although he would have no objection to appropriate officers being granted, at the discretion of the board or committee, special leave with pay for the purpose of attending certain specified conferences. The circular further states that the general policy as regards attendance at conferences is under consideration.
H.M.C. (49) 53	The circular makes it clear that in reviewing farming operations at mental institutions, hospital authorities should not make any reduction in land or stock that might impair good husbandry or economic farming.
H.M.C. (49) 54	The circular covers General Whitley Council circulars Nos. 3 and 4, dealing with special leave for volunteers for the Auxiliary Armed Forces and on compassionate grounds.
H.M.C. (49) 55	The circular draws the attention of hospital management committees and superintendents to the provisions of section 64 of the Criminal Justice Act, 1948, which came into operation on 1st April, 1949.
H.M.C. (49) 56	The circular deals with the provision of various equipment under the Hospital Eye Service.

(ii) Addressed to Boards of Governors of Teaching Hospitals

<i>Number</i>	<i>General Scope</i>
B.G. (48) 1	This Paper gave preliminary guidance on the main points on which Boards had to take action before 5th July, 1948, the general scope of their work and their relationship to the Minister and others.
B.G. (48) 2	The Paper is concerned with the immediate arrangements needed from the appointed day for the medical and dental staffing of the hospitals and specialist services provided by the Boards.
B.G. (48) 2a	See R.H.B. (48) 15a.
B.G. (48) 2b	See R.H.B. (48) 15b.
B.G. (48) 3	The Memorandum deals with specialist services in the patient's home.
B.G. (48) 3a	See R.H.B. (48) 18a.
B.G. (48) 4	See H.M.C. (48) 6.
B.G. (48) 5	A Memorandum for the general guidance of Boards of Governors of Teaching Hospitals, divided into five parts, which deal respectively with General Structure of the service; special position of teaching hospitals, procedure of Boards of Governors; The Boards' functions; Finance; Administrative Staff—remuneration and conditions of service; The Superannuation Scheme.
B.G. (48) 6	See H.M.C. (48) 9.
B.G. (48) 7	See H.M.C. (48) 13.
B.G. (48) 7a	See H.M.C. (48) 13a.
B.G. (48) 8	See H.M.C. (48) 14.
B.G. (48) 9	See R.H.B. (48) 30.
B.G. (48) 10	See H.M.C. (48) 15.
B.G. (48) 11	The circular deals with insurance of premises, equipment and staff.
B.G. (48) 12	See H.M.C. (48) 17.
B.G. (48) 12a	See H.M.C. (48) 17a.
B.G. (48) 13	See H.M.C. (48) 18.
B.G. (48) 14	See H.M.C. (48) 20.
B.G. (48) 15	The Memorandum covers and explains the provisions of the National Health Service (Dissolved Authorities) Regs., 1948.
B.G. (48) 16	<i>Cancelled before circulation.</i>
B.G. (48) 17	The purpose of this Memorandum is to give Regional Hospital Boards, Hospital Managements Committees and Boards of Governors of teaching hospitals an outline of the Scheme of Post graduate Education in operation since the end of the war for the benefit of Medical Officers released from the Forces, and to make some indications about the future of the Scheme.
B.G. (48) 18	<i>Cancelled by B.G. (48) 68.</i>
B.G. (48) 18a	See H.M.C. (48) 21a.

<i>Number</i>	<i>General Scope</i>
B.G. (48) 18b	See H.M.C. (48) 21b.
B.G. (48) 18c	See H.M.C. (48) 21c.
B.G. (48) 18d	See H.M.C. (48) 21d.
B.G. (48) 19	See H.M.C. (48) 22.
B.G. (48) 20	See H.M.C. (48) 23.
B.G. (48) 21	The Circular explains the issue of the National Health Service (Superannuation) Regs. (S.R. & O. 1755/47), and the "Code of Procedure for Employing Authorities."
B.G. (48) 22	See H.M.C. (48) 24.
B.G. (48) 23	See H.M.C. (48) 25.
B.G. (48) 23a	See H.M.C. (48) 25a.
B.G. (48) 24	See H.M.C. (48) 26.
B.G. (48) 25	See H.M.C. (48) 27.
B.G. (48) 26	See H.M.C. (48) 28.
B.G. (48) 27	See H.M.C. (48) 29.
B.G. (48) 28	The Memorandum deals with the provision of Medresco Hearing Aids through hospitals.
B.G. (48) 28a	See R.H.B. (48) 6A.
B.G. (48) 29	See H.M.C. (48) 30.
B.G. (48) 30	See H.M.C. (48) 31.
B.G. (48) 31	See H.M.C. (48) 32.
B.G. (48) 32	See H.M.C. (48) 33.
B.G. (48) 33	The Circular covers Leaflet S.D.E. which explains how the National Health Service (Superannuation) (Amendment) Regs., 1948, improve the rights of mental health officers with past service (other than service as an officer or servant of the first class under the Act of 1909 or as a person to whom the Superannuation (Prison Officers') Act, 1919, applied) during which they devoted the whole or substantially the whole of their time to the treatment or care of mental patients or defectives.
B.G. (48) 34	See R.H.B. (48) 1.
B.G. (48) 35	The Circular deals with recruitment of nursing and domestic staff, and the Minister's suggestions in this connection.
B.G. (48) 36	The Memorandum deals with the education of children in hospital special schools.
B.G. (48) 37	The Memorandum outlines the work and organisation of the blood transfusion service.
B.G. (48) 38	See H.M.C. (48) 34.
B.G. (48) 39	See H.M.C. (48) 35.
B.G. (48) 40	See H.M.C. (48) 36.
B.G. (48) 41	See H.M.C. (48) 37.
B.G. (48) 42	See H.M.C. (48) 38.
B.G. (48) 43	See H.M.C. (48) 39.
B.G. (48) 44	See R.H.B. (48) 54.
B.G. (48) 44/1	See H.M.C. (48) 41/1.
B.G. (48) 45	The Circular gives instructions concerning the designation of mental health officers for superannuation purposes.
B.G. (48) 46	See H.M.C. (48) 42.
B.G. (48) 47	See H.M.C. (48) 43.
B.G. (48) 48	The Circular refers to returns by local authorities and voluntary hospital authorities showing interests in land liable to be transferred to the Minister, and asking Board of Governors to hold on behalf of the Minister documents of the title relating to interests in land transferred to him.
B.G. (48) 49	See H.M.C. (48) 45.
B.G. (48) 50	The Circular deals with revised conditions of service of administrative and clerical staffs.
B.G. (48) 51	See H.M.C. (48) 47.
B.G. (48) 52	The Circular calls for returns of statistics of nursing, midwifery and domestic staffs of hospitals.
B.G. (48) 53	See H.M.C. (48) 49.

<i>Number</i>	<i>General Scope</i>
B.G. (48) 54	See H.M.C. (48) 50.
B.G. (48) 55	See H.M.C. (48) 51.
B.G. (48) 56	See H.M.C. (48) 52.
B.G. (48) 57	See H.M.C. (48) 53.
B.G. (48) 58	<i>Cancelled before circulation.</i>
B.G. (48) 59	See R.H.B. (48) 70.
B.G. (48) 60	See H.M.C. (48) 57.
B.G. (48) 61	See R.H.B. (48) 71.
B.G. (48) 62	See H.M.C. (48) 59.
B.G. (48) 63	See H.M.C. (48) 60.
B.G. (48) 64	See H.M.C. (48) 61.
B.G. (48) 65	See H.M.C. (48) 62.
B.G. (48) 66	See H.M.C. (48) 63.
B.G. (48) 67	See H.M.C. (48) 64.
B.G. (48) 68	See H.M.C. (48) 65.
B.G. (48) 69	See H.M.C. (48) 66.
B.G. (48) 70	See H.M.C. (48) 67.
B.G. (48) 71	See R.H.B. (48) 83.
B.G. (48) 72	See H.M.C. (48) 70.
B.G. (48) 73	See H.M.C. (48) 68.
B.G. (48) 74	The Circular encloses a copy of the National Health Service (Transfer of Officers and Compensation) Regs., 1948, and instructs that the compensation provisions be brought to the notice of any officer who is displaced or has his pay reduced in consequence of the Act.
B.G. (48) 75	See H.M.C. (48) 69.
B.G. (48) 76	See R.H.B. (48) 87.
B.G. (48) 77	See H.M.C. (48) 71.
B.G. (48) 78	See H.M.C. (48) 72.
B.G. (48) 79	See H.M.C. (48) 73.
B.G. (48) 80	See H.M.C. (48) 74.
B.G. (48) 81	See H.M.C. (48) 75.
B.G. (48) 82	See H.M.C. (48) 76.
B.G. (48) 83	The Circular requests returns of statistics of nursing, midwifery and domestic staffs of hospitals, and covers the requisite forms.
B.G. (48) 84	The Memorandum relates to the Federated Superannuation Scheme for Nurses and Hospital Officers, and the destination of contributions in hand on the appointed day, and payment of premium since the appointed day.
B.G. (48) 85	See R.H.B. (48) 96.
B.G. (48) 86	See R.H.B. (48) 97.
B.G. (48) 87	See H.M.C. (48) 79.
B.G. (48) 88	See H.M.C. (48) 80.
B.G. (48) 89	See H.M.C. (48) 81.
B.G. (48) 90	The Circular deals with requirements for various hospital service statistics
B.G. (48) 91	See R.H.B. (48) 102.
B.G. (49) 1	See H.M.C. (49) 1.
B.G. (49) 2	See R.H.B. (49) 2.
B.G. (49) 3	See H.M.C. (49) 2.
B.G. (49) 4	See H.M.C. (49) 3.
B.G. (49) 5	See H.M.C. (49) 4.
B.G. (49) 6	See H.M.C. (49) 5.

<i>Number</i>	<i>General Scope</i>
B.G. (49) 7	See H.M.C. (49) 6.
B.G. (49) 8	See H.M.C. (49) 7.
B.G. (49) 9	See R.H.B. (49) 12.
B.G. (49) 10	See R.H.B. (49) 14.
B G (49) 11	See H.M.C. (49) 9.
B G (49) 12	See H.M.C. (49) 10.
B.G. (49) 13	See R.H.B. (49) 17.
B.G. (49) 14	See H.M.C. (49) 11.
B.G. (49) 15	See H.M.C. (49) 12.
B.G. (49) 16	See R.H.B. (49) 20.
B.G. (49) 17	See H.M.C. (49) 15.
B.G. (49) 18	See H.M.C. (49) 16.
B.G. (49) 19	See H.M.C. (49) 17.
B.G. (49) 20	See H.M.C. (49) 18.
B.G. (49) 21	See H.M.C. (49) 19.
B.G. (49) 22	See H.M.C. (49) 20.
B.G. (49) 23	See H.M.C. (49) 21.
B.G. (49) 24	See H.M.C. (49) 22.
B.G. (49) 25	See H.M.C. (49) 23.
B.G. (49) 26	See R.H.B. (49) 32.
B.G. (49) 27	The circular covers a supply of forms to enable staff returns to be completed for the designated teaching hospitals showing the position at 31st March, 1949.
B.G. (49) 28	See H.M.C. (49) 25.
B.G. (49) 29	See H.M.C. (49) 26.
B.G. (49) 30	See H.M.C. (49) 27.
B.G. (49) 31.	See H.M.C. (49) 28.
B.G. (49) 32	See H.M.C. (49) 29.
B.G. (49) 33	See H.M.C. (49) 30.
B.G. (49) 34	See H.M.C. (49) 32.
B.G. (49) 35	See H.M.C. (49) 33.
B.G. (49) 36	See H.M.C. (49) 34.
B.G. (49) 37	See H.M.C. (49) 35.
B.G. (49) 38	See H.M.C. (49) 36.
B.G. (49) 39	See H.M.C. (49) 37.
B.G. (49) 40	See H.M.C. (49) 38.
B.G. (49) 41	See H.M.C. (49) 39.
B.G. (49) 42	See R.H.B. (49) 50.
B.G. (49) 43	See R.H.B. (49) 51.
B.G. (49) 44	See H.M.C. (49) 40.
B.G. (49) 45	See H.M.C. (49) 41.
B.G. (49) 46	See H.M.C. (49) 42.
B.G. (49) 47	See H.M.C. (49) 43.
B.G. (49) 48	See H.M.C. (49) 44.
B.G. (49) 49	See H.M.C. (49) 46.
B.G. (49) 50	See H.M.C. (49) 47.
B.G. (49) 51	See H.M.C. (49) 48.
B.G. (49) 52	See H.M.C. (49) 50.
B.G. (49) 53	See H.M.C. (49) 51.

<i>Number</i>	<i>General Scope</i>
B.G. (49) 54	See H.M.C. (49) 52.
B.G. (49) 55	See H.M.C. (49) 54.
B.G. (49) 56	See H.M.C. (49) 56.
B.G. (49) 57	See R.H.B. (49) 69.
B.G. (49) 58	See R.H.B. (49) 70.

(iii) Addressed to Regional Hospital Boards

<i>Number</i>	<i>General Scope</i>
R.H.B. (47) 1	The Memorandum describes the general scope of the work of regional hospital boards and their relationship to the Minister and others.
R.H.B. (47) 2	The Circular gives a brief account of a meeting between the Minister and Chairmen of the regional hospital boards held in July, 1947.
R.H.B. (47) 3	The Circular contains notes of the Minister's speech to members of regional hospital boards at a meeting held in July, 1947.
R.H.B. (47) 4	The Circular deals with certain agency arrangements which might be entered into between regional hospital boards and local authorities for the administration of the hospital services after the appointed day.
R.H.B. (47) 5	The Memorandum consists of notes for the guidance of regional hospital boards regarding the National Health Service Superannuation Scheme.
R.H.B. (47) 6	Petrol requirements of regional hospital boards are dealt with in this Circular.
R.H.B. (47) 7	The Paper sets forth the salaries and conditions of service of officers of regional hospital boards, and outlines certain considerations affecting their recruitment.
R.H.B. (47) 8	The Circular seeks to inform regional hospital boards on the position regarding the nursing shortage and on steps taken to relieve it.
R.H.B. (47) 9	The Memorandum gives particulars of the considerations relating to the transfer of hospitals to the Minister.
R.H.B. (47) 10	The appointment by regional hospital boards of staff within the miscellaneous and A.P.T. Divisions of the National Joint Council is authorised.
R.H.B. (47) 11	The Memorandum outlines the principles governing the grouping of hospitals, and the appointment of hospital management committees, dealing in particular with the general functions of management committees, the future pattern of management and the submission of schemes for management committees.
R.H.B. (47) 12	The Circular gives some particulars of the National Health Service Superannuation Scheme.
R.H.B. (47) 13	The Memorandum contains a review of the arrangements for the mental health service in the National Health Service.
R.H.B. (47) 14	The Circular contains a note of a meeting between the Minister and Chairmen of regional hospital boards held in October, 1947.
R.H.B. (47) 15	The Circular is concerned with agency arrangements to be made with local authorities after the appointed day.
R.H.B. (47) 16	The Circular outlines arrangements for the future of public assistance institutions.
R.H.B. (48) 1	This booklet contains a review of the developments of specialist services in the National Health Service.
R.H.B. (48) 2	The Memorandum is explanatory to the regulations (S. I. 1948, No. 60) prescribing the respective functions of regional hospital boards, hospital management committees, and boards of governors in the administration of hospital and specialist services under the National Health Service Act, 1946.
R.H.B. (48) 3	The Circular deals with the transfer of local authority headquarters staff to regional hospital boards on the appointed day.
R.H.B. (48) 4	The Memorandum lays down standards of accommodation in mental hospitals and mental deficiency institutions.
R.H.B. (48) 5	Revised salary scales and conditions of service are promulgated for the headquarters staffs of regional hospital boards.
R.H.B. (48) 6	The Memorandum deals with the treatment and alleviation of deafness and the provision of hearing aids, and outlines arrangements for the distribution and servicing of the latter.
R.H.B. (48) 6A	The Circular draws attention to the supply of hearing aids other than the approved Medresco aid, and requests boards to ensure that the practice of giving facilities for the supply of other commercial types is discontinued.

<i>Number</i>	<i>General Scope</i>
R.H.B. (48) 7	The subject of the Memorandum is the education of children in hospital special schools in accordance with S. 62 of the National Health Service Act, 1946.
R.H.B. (48) 7A	The Memorandum lists schools in mental deficiency colonies which were being transferred to the Minister.
R.H.B. (48) 8	See H.M.C. (48) 1.
R.H.B. (48) 9	The Memorandum gave to regional hospital boards an explanation of the existing arrangements for the tuberculosis service, and raised some considerations of how far they were to be maintained.
R.H.B. (48) 10	The Circular refers to the issue of the Explanatory Booklet on Superannuation, and of various explanatory leaflets, forms and circulars.
R.H.B. (48) 11	Covering S.I. 1948, No. 656, which designates provincial teaching hospitals.
R.H.B. (48) 12	The Minister invites boards to submit certain recommendations for the designation of mental institutions.
R.H.B. (48) 13	See H.M.C. (48) 2.
R.H.B. (48) 13A	See addendum to H.M.C. (48) 2.
R.H.B. (48) 13B	See addendum to H.M.C. (48) 2a.
R.H.B. (48) 14	Covering S.I. 1948, No. 979, which designates Metropolitan teaching hospitals.
R.H.B. (48) 15	The Memorandum outlines the arrangements from the appointed day for medical and dental staff in the hospital and specialist services.
R.H.B. (48) 15A	Deals with interim arrangements for medical and dental staff in the hospital and specialist services.
R.H.B. (48) 15B	This Circular deals with additional points arising in relation to the interim arrangements for medical and dental staffs in the hospital and specialist services.
R.H.B. (48) 16	The Memorandum deals with the blood transfusion service, and the responsibilities of regional hospital boards in connection with its running.
R.H.B. (48) 17	Covering and explaining S.I. 1948, No. 419 (The National Health Service Superintendents of Mental Hospitals, etc.) Regs., 1948).
R.H.B. (48) 18	The Memorandum deals with arrangements for the provision of specialists, if necessary on medical grounds, at the home of the patient.
R.H.B. (48) 18A	The Circular gives additional guidance on the subject of specialist attentions for patients in private nursing homes.
R.H.B. (48) 19	The Circular defines the extent to which regional hospital boards can be authorised to enter into contractual arrangements with hospitals, etc., outside the Service.
R.H.B. (48) 19A	The Circular states that regional hospital boards need no longer refer to the Minister any proposed contracts with outside hospitals at a rate of more than 8 gns. per week per patient.
R.H.B. (48) 20	The Memorandum explains the arrangements for the apportionment of property used partly for hospital and partly for other purposes.
R.H.B. (48) 21	See H.M.C. (48) 4.
R.H.B. (48) 22	See H.M.C. (48) 5.
R.H.B. (48) 23	The Circular covers a paper giving guidance to hospital management committees in regard to hospital patients who are receiving sickness benefit or pension from the Ministry of National Insurance, or national assistance or non-contributory pension from the National Assistance Board.
R.H.B. (48) 24	The Memorandum deals with the appointment and remuneration of nursing officers on the staff of regional hospital boards.
R.H.B. (48) 25	Covering and drawing attention to certain points in the draft National Health Service (Superannuation) (Amendment) Regs., 1947, which appeared in their final form as S.I. 1948, No. 1474.
R.H.B. (48) 26	See H.M.C. (48) 7.
R.H.B. (48) 27	See H.M.C. (48) 10, 11 and 12.
R.H.B. (48) 28	See H.M.C. (48) 9.
R.H.B. (48) 29	See H.M.C. (48) 8.
R.H.B. (48) 30	The Memorandum deals with the appointment of specialists by regional hospital boards and boards of governors.
R.H.B. (48) 31	See H.M.C. (48) 15.
R.H.B. (48) 32	Covering list of hospitals and other institutions designated by the Minister as mental hospitals and mental deficiency institutions for the purposes of Lunacy, Mental Treatment and Mental Deficiency Acts.
R.H.B. (48) 33	See H.M.C. (48) 16.

<i>Number</i>	<i>General Scope</i>
R.H.B. (48) 34	See H.M.C. (48) 19.
R.H.B. (48) 35	See H.M.C. (48) 17.
R.H.B. (48) 35A	See H.M.C. (48) 17A.
R.H.B. (48) 36	The Memorandum explains the main points in the National Health Service (Hospital Accounts and Financial Provisions) Regs., 1948 (S.I. 1948/1414), as they affect the day to day administration of hospitals and the form of hospital accounts.
R.H.B. (48) 37	See H.M.C. (48) 22.
R.H.B. (48) 38	See H.M.C. (48) 21.
R.H.B. (48) 38A	See H.M.C. (48) 21d.
R.H.B. (48) 39	See H.M.C. (48) 23.
R.H.B. (48) 40	See H.M.C. (48) 24.
R.H.B. (48) 41	See H.M.C. (48) 25.
R.H.B. (48) 41A	See H.M.C. (48) 25A.
R.H.B. (48) 42	The Circular deals with the transfer of officers to the National Health Service, and with the scheme of compensation devised for officers suffering loss of employment or reduction in pay.
R.H.B. (48) 43	See H.M.C. (48) 29.
R.H.B. (48) 44	See H.M.C. (48) 28.
R.H.B. (48) 45	See H.M.C. (48) 31.
R.H.B. (48) 46	See H.M.C. (48) 32.
R.H.B. (48) 47	See H.M.C. (48) 34.
R.H.B. (48) 48	The Circular deals with the division of functions and responsibilities between the hospital service and the school health service.
R.H.B. (48) 49	The Paper distributes copies of H.M.C. (48) 35, and gives instruction to regional hospital boards about supplies in relation to the installation of X-ray apparatus, and of miniature mass radiography sets, Blood Transfusion Service Supplies, and the distribution of surplus and other equipment to hospitals.
R.H.B. (48) 50	See H.M.C. (48) 36.
R.H.B. (48) 51	The Memorandum deals with the practice of farming at mental institutions, outlining the reasons for having such farms and the criteria of their future development.
R.H.B. (48) 52	The Circular provides for the appointment of engineering staff to regional hospital boards, and gives particulars of salaries and conditions of service for such a staff.
R.H.B. (48) 53	These notes are intended to assist regional hospital boards in making their arrangements for the provision of physiotherapy services.
R.H.B. (48) 54	The Memorandum deals with the scale of hospital building, building control, allocation of materials, and kindred matters.
R.H.B. (48) 54/1	See H.M.C. (48) 41/1.
R.H.B. (48) 55	The purpose of the Memorandum is to ensure continuity in arrangements for dealing with Service personnel discharged from the forces who are psychotics or neurotics no longer requiring in-patient treatment, and also persons of sub-normal mentality and epileptics not requiring institutional care.
R.H.B. (48) 56	See H.M.C. (48) 42.
R.H.B. (48) 57	See H.M.C. (48) 43.
R.H.B. (48) 58	See H.M.C. (48) 44.
R.H.B. (48) 59	See H.M.C. (48) 45.
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R.H.B. (48) 62	See H.M.C. (48) 49.
R.H.B. (48) 63	See H.M.C. (48) 50.
R.H.B. (48) 64	See H.M.C. (48) 51.
R.H.B. (48) 65	See H.M.C. (48) 52.
R.H.B. (48) 66	See H.M.C. (48) 53.
R.H.B. (48) 67	The Circular deals with the use by regional hospital boards of beds in approved homes for mental defectives who, they are satisfied, need hospital treatment but for the treatment of whose cases detention is not necessary.
R.H.B. (48) 68	See H.M.C. (48) 57.

<i>Number</i>	<i>General Scope</i>
R.H.B. (48) 69	See H.M.C. (48) 56.
R.H.B. (48) 70	The Memorandum deals with the improvement of medical records in hospitals, with particular reference to (a) the organisation of the service within the individual hospital, (b) a regional statistical service to give the Board necessary information on how their services are functioning and to assist clinical research, and (c) the compilation of national morbidity statistics.
R.H.B. (48) 71	The Circular asks regional hospital boards to take an early opportunity of reviewing waiting lists and considering what steps might be taken to reduce them.
R.H.B. (48) 72	See H.M.C. (48) 58.
R.H.B. (48) 73	See H.M.C. (48) 59.
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R.H.B. (48) 77	See H.M.C. (48) 63.
R.H.B. (48) 78	See H.M.C. (48) 64.
R.H.B. (48) 79	See H.M.C. (48) 65.
R.H.B. (48) 80	See H.M.C. (48) 66.
R.H.B. (48) 81	The Circular deals with the arrangements to be made by regional hospital boards for nursing training schools.
R.H.B. (48) 82	See H.M.C. (48) 67.
R.H.B. (48) 83	The Circular gives guidance on a review of medical and dental staffing of boards dealing with such matters as number and types of staff, assessment of specialist status, and allocation of duties.
R.H.B. (48) 84	See H.M.C. (48) 70.
R.H.B. (48) 85	See H.M.C. (48) 68.
R.H.B. (48) 86	See H.M.C. (48) 69.
R.H.B. (48) 87	The Memorandum deals with accommodation for mental defectives under the sixth schedule of the National Assistance Act, 1948.
R.H.B. (48) 88	See H.M.C. (48) 71.
R.H.B. (48) 89	See H.M.C. (48) 72.
R.H.B. (48) 90	See H.M.C. (48) 73.
R.H.B. (48) 91	See H.M.C. (48) 74.
R.H.B. (48) 92	See H.M.C. (48) 75.
R.H.B. (48) 93	See H.M.C. (48) 76.
R.H.B. (48) 94	See H.M.C. (48) 77.
R.H.B. (48) 95	See H.M.C. (48) 78.
R.H.B. (48) 96	The Circular draws attention of regional hospital boards to the National Health Service (Venereal Diseases) Regs., 1948, and explains that the Minister has made the Regulations because it has come to his knowledge that some public misgiving has been caused by the withdrawal, through the revocation of the Public Health (Venereal Diseases) Regs., 1916, of the previous statutory requirement about the confidentiality of information concerning persons attending venereal disease treatment centres.
H.M.C. (48) 97	The Circular deals with milk production at hospital farms, and explains that licences for hospital farms vesting in the Minister are no longer required.
R.H.B. (48) 98	See H.M.C. (48) 79.
R.H.B. (48) 99	See H.M.C. (48) 80.
R.H.B. (48) 100	See H.M.C. (48) 81.
R.H.B. (48) 101	The Circular deals with statistical returns to be submitted by hospital authorities, and describes forms to be used in connection therewith.
R.H.B. (48) 102	The Circular gives further guidance on hospital records procedure.
R.H.B. (49) 1	See H.M.C. (49) 1.
R.H.B. (49) 2	The Circular deals with prescriptions at a hospital or clinic under the control of a hospital management committee which has neither a dispensary of its own nor regular and convenient arrangements for dispensing out-patients' prescriptions at another hospital, and by which prescriptions may be given to out-patients for dispensing without charge by any chemist providing pharmaceutical services under Part IV of Act (<i>i.e.</i> , at any chemist's shop where National Health Service work is done).
R.H.B. (49) 3	See H.M.C. (49) 2.

<i>Number</i>	<i>General Scope</i>
R.H.B. (49) 4	See H.M.C. (49) 3.
R.H.B. (49) 5	See H.M.C. (49) 4.
R.H.B. (49) 6	The Circular gives particulars of revised salary scales and subsistence rates for blood donor attendants.
R.H.B. (49) 7	See H.M.C. (49) 5.
R.H.B. (49) 8	See H.M.C. (49) 6.
R.H.B. (49) 9	See H.M.C. (49) 7.
R.H.B. (49) 10	See H.M.C. (49) 8.
R.H.B. (49) 11	The Circular refers to the professional committees set up to advise regional hospital boards on assessment of the status of their existing staffs and expresses the Minister's view that for the purpose of assessing <i>dental practitioners</i> three dental specialists should be appointed to join with the five "permanent" members. One of these dental specialists should be nominated by the appropriate University, and two by the regional hospital board.
R.H.B. (49) 12	The Circular describes the use of certain forms in supplying annual information about categories of staff (other than nursing and domestic).
R.H.B. (49) 13	The Circular gives particulars of a new grade of senior administrative officer on the staff of regional hospital boards.
R.H.B. (49) 14	The Circular deals with arrangements for dealing with venereal disease at prisons and Borstal institutions being undertaken by visiting specialists.
R.H.B. (49) 15	See H.M.C. (49) 9.
R.H.B. (49) 16	See H.M.C. (49) 10.
R.H.B. (49) 17	The Circular deals with the co-operation of the hospital services of the armed forces and of the National Health Service.
R.H.B. (49) 18	See H.M.C. (49) 11.
R.H.B. (49) 19	See H.M.C. (49) 12.
R.H.B. (49) 20	The Circular requests information of the extent to which regional hospital boards and boards of governors are developing a domiciliary specialist service.
R.H.B. (49) 21	See H.M.C. (49) 13.
R.H.B. (49) 22	See H.M.C. (49) 14.
R.H.B. (49) 23	See H.M.C. (49) 15.
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R.H.B. (49) 25	See H.M.C. (49) 17.
R.H.B. (49) 26	See H.M.C. (49) 18.
R.H.B. (49) 27	See H.M.C. (49) 19.
R.H.B. (49) 28	See H.M.C. (49) 20.
R.H.B. (49) 29	See H.M.C. (49) 21.
R.H.B. (49) 30	See H.M.C. (49) 22.
R.H.B. (49) 31	See H.M.C. (49) 23.
R.H.B. (49) 32	The Circular provides for payment to members of advisory appointments committees set up by regional hospital boards and boards of governors under section 14 of the Act at a rate of £7 7s. a day.
R.H.B. (49) 33	This memorandum describes the respective responsibilities of regional hospital boards and local health authorities for providing for convalescent patients.
R.H.B. (49) 34	See H.M.C. (49) 24.
R.H.B. (49) 35	See H.M.C. (49) 25.
R.H.B. (49) 36	See H.M.C. (49) 26.
R.H.B. (49) 37	See H.M.C. (49) 27.
R.H.B. (49) 38	See H.M.C. (49) 28.
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<i>Number</i>	<i>General Scope</i>
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R.H.B. (49) 46	See H.M.C. (49) 36.
R.H.B. (49) 47	See H.M.C. (49) 37.
R.H.B. (49) 48	See H.M.C. (49) 38.
R.H.B. (49) 49	See H.M.C. (49) 39.
R.H.B. (49) 50	The memorandum deals with payments for members of advisory appointments committees.
R.H.B. (49) 51	The memorandum deals with future control of milk production and handling at hospital dairy farms.
R.H.B. (49) 52	See H.M.C. (49) 40.
R.H.B. (49) 53	See H.M.C. (49) 41.
R.H.B. (49) 54	See H.M.C. (49) 42.
R.H.B. (49) 55	See H.M.C. (49) 43.
R.H.B. (49) 56	See H.M.C. (49) 44.
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R.H.B. (49) 59	See H.M.C. (49) 47.
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R.H.B. (49) 64	See H.M.C. (49) 52.
R.H.B. (49) 65	See H.M.C. (49) 53.
R.H.B. (49) 66	See H.M.C. (49) 54.
R.H.B. (49) 67	See H.M.C. (49) 55.
R.H.B. (49) 68	See H.M.C. (49) 56.
R.H.B. (49) 69	The memorandum informs regional hospital boards and Boards of Governors of teaching hospitals that visits by obstetricians or paediatricians as part of the domiciliary specialist service should be made available in an emergency for a patient who has been admitted for her confinement to a private maternity home, or for her baby during her stay in the maternity home.
R.H.B. (49) 70	The memorandum is concerned with the grading of hospital medical and dental staff.

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IV—STATUTORY INSTRUMENTS, MEMORANDA AND CIRCULARS—SCOTLAND

(a) Statutory Instruments issued under the authority of the National Health Service (Scotland) Act, 1947

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
47/1311 S. 51	The National Health Service (Scotland) (Determination of Areas of Regional Hospital Boards) Order, 1947.	25.6.47	See Note on S.R. & O. 1946, No. 2158.
47/1321 S. 52	The National Health Service Executive Councils (Variation of Constitution) (Scotland) Order, 1947.	27.6.47	The Order provides for an increase in membership of two Executive Councils in Scotland.
47/1358 S. 53	The National Health Service Executive Councils (Constitution) (Scotland) Order, 1947.	27.6.47	The Order constitutes Executive Councils for the areas specified in it, which consist of a single, county, a county of a city or two or more counties and cover in the aggregate the whole of Scotland.
47/2261 S. 82	The National Health Service (Regional Hospital Boards and Boards of Management) (Scotland) Regs., 1947.	20.10.47	The Regulations provide for the appointment and term of office of Members of the Regional Hospital Boards and Boards of Management and the procedure of the Boards.
47/2297 S. 83	The National Health Service (Constitution of Regional Hospital Boards, Scotland) Order, 1947.	28.10.47	The Order names the original Chairmen and Members of the five Regional Hospital Boards for Scotland.
47/2336 S. 86	The National Health Service (Travelling Allowances, etc.) (Scotland) Regs., 1947.	31.10.47	See Note on S.R. & O. 1947, No. 1330.
47/2504 S. 92	The National Health Service (Executive Councils) (Scotland) Regs., 1947.	21.11.47	See Note on S.R. & O. 1947, No. 889.
48/344 S. 24	The National Health Service (Scotland) Act (Appointed Day) Order, 1948.	5.7.48	The Order fixed 5th July, 1948, as the date upon which the principal provisions of the National Health Service (Scotland) Act, 1947, were to come into force. Certain provisions relating to the organisation and functions of the General Board of Control for Scotland were, however, to take effect on 1st April, 1948.
48/412 S. 28	The National Health Service (Scotland) (Superannuation) Regs., 1948.	27.2.48	See Note on S.R. & O. 1947, No. 1755.
48/844 S. 56	The National Health Service (Scottish Health Services Council and Standing Advisory Committees) Regs., 1948.	1.5.48	The Regulations prescribe the periods for which members of the Scottish Health Services Council and of any Standing Advisory Committee constituted under the National Health Service (Scotland) Act, 1947, are to be appointed.
48/1257 S. 94	The National Health Service (General Dental Services) (Scotland) Regs., 1948.	21.6.48	See Note on S.I. 1948, No. 505.
48/1258 S. 95	The National Health Service (General Medical and Pharmaceutical Services) (Scotland) Regs., 1948.	21.6.48	See Note on S.I. 1948, No. 506.
48/1259 S. 96	The National Health Service (Medical and Pharmaceutical Service Committees and Tribunal) (Scotland) Regs., 1948.	21.6.48	See Note on S.I. 1948, No. 507.
48/1383 S. 108	The National Health Service (Qualifications for Supplementary Ophthalmic Services) (Scotland) Regs., 1948.	30.6.48	The Regulations prescribe qualifications for persons or firms or companies to provide supplementary ophthalmic services under the Act.
48/1388 S. 109	The National Health Service (Medical Education Committees) (Scotland) Order, 1948.	22.6.48	The Order constitutes the Medical Education Committees which are to be set up for the areas of the Regional Hospital Boards in Scotland to advise those Boards on the administration of the

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
			hospital and specialist services so far as relating to the provision of facilities for undergraduate or post-graduate clinical teaching or for research.
48/1389 S. 110	The National Health Service (Medical Education Committees) (Scotland) Regs., 1948.	5.7.48	The Regulations provide for the appointment and term of office of Members of Medical Education Committees and for the procedure of the Committees.
48/1390 S. 111	The National Health Service (Appointment of Medical and Dental Officers) (Scotland) Regs., 1948.	5.7.48	The Regulations specify the classes of Medical and Dental Officers of Regional Hospital Boards whose appointments are to be made on the advice of Advisory Appointments Committees after advertisement. They provide for the constitution of these Committees and for the payment of their reasonable expenses.
48/1393 S. 112	The National Health Service (General Dental Services Fees) (Scotland) Regs., 1948.	5.7.48	See Note on S.I. 1948, No. 1297.
48/1450 S. 118	The National Health Service (Supplementary Ophthalmic Services) (Scotland) Regs., 1948.	2.7.48	See Note on S.I. 1948, No. 1273.
48/1451 S. 119	The National Health Service (Tribunal for Supplementary Ophthalmic Services) (Scotland) Regs., 1948.	2.7.48	These Regulations provide for enquiries by the Tribunal set up under the National Health Service (Scotland) Act, 1947, into cases where representations are made that the continued inclusion of a person in an ophthalmic list would be detrimental to the efficiency of the supplementary ophthalmic service. The Regulations also deal with the way in which notices may be given to persons in the case of these inquiries or in the case of investigations by a Joint Ophthalmic Services Committee.
48/1452 S. 120	The National Health Service (Joint Ophthalmic Services Committees). (Scotland) Order, 1948.	2.7.48	This Order provides for the establishment of Joint Ophthalmic Services Committees for groups of Executive Council areas, for their constitution and conduct of business, and for the investigation by them of complaints against ophthalmic medical practitioners or opticians in respect of alleged failure to comply with the appropriate terms of service.
48/1464 S. 123	The National Health Service (Scotland) (Superannuation) (Amendment) Regs., 1948.	5.7.48	See Note on S.I. 1948, No. 1474.
48/1465 S. 124	The National Health Service (Transfer of Officers and Compensation) (Scotland) Regs., 1948.		See Note on S.I. 1948, No. 1475.
48/1483	The National Health Service (Superannuation) (England and Scotland) Regs., 1948.	30.6.48	See reference on page 771 (this circular was issued jointly by the Minister of Health and the Secretary of State for Scotland).
48/1492 S. 126	The National Health Service (Charges for Hospital Accommodation) (Scotland) Regs., 1948.	5.7.48	The Regulations provide for determining the charges to be made in respect of accommodation in single rooms or small wards made available on a part-payment basis, for determining the charges to be made in respect of special accommodation set aside for patients who undertake to pay the whole cost and for determining the maximum charges to be made by medical practitioners who treat their private patients in that special accommodation.
48/1493 S. 127	The National Health Service (Expenses in Attending Hospitals) (Scotland) Regs., 1948	5.7.48	These Regulations provide for the payment in certain circumstances of the travelling expenses of persons attending hospitals and clinics for the purpose of obtaining hospital and specialist services.
48/1494 S. 128	The National Health Service (Finance of Executive Councils and Scottish Dental Estimates Board) (Scotland) Regs., 1948.	5.7.48	The Regulations lay down the financial procedure to be followed by the Executive Councils and the Scottish Dental Estimates Board in the exercise of their functions under Part IV of the National Health Service (Scotland) Act, 1947. The Regulations further provide for the form of accounts to be kept by the Councils and the Board, for the accounts to be furnished by them to the Secretary of State and for the audit of these accounts.
48/1495 S. 129	The National Health Service (Highlands and Islands Medical Service Transitional Provisions) (Scotland) Regs., 1948.	5.7.48	These Regulations make provision in accordance with section 68 of the National Health Service (Scotland) Act, 1947, for the transfer to Executive Councils of houses provided for medical practitioners by local authorities under the Highlands and Islands (Medical Service) Grant Acts, together with any liabilities thereon and for the winding-up of the Highlands and Islands (Medical Service) Fund and the transfer of any balance remaining therein to the Exchequer.

<i>Number</i>	<i>Title</i>	<i>Operative Date</i>	<i>Subject</i>
48/1496 S. 130	The National Health Service (Transfer of Property and Liabilities of Insurance Committees) (Scotland) Regs., 1948.	2.7.48	The Regulations make provision in accordance with section 68 of the National Health Service (Scotland) Act, 1947, for the transfer of the property and liabilities of Insurance Committees to Executive Councils.
48/1498 S. 132	The National Health Service (Dissolved Authorities) (Scotland) Regs., 1948.	2.7.48	See Note on S.I. 1948, No. 1292.
48/1596 S. 141	The National Health Service (Drug Accounts Committee) (Scotland) Order, 1948.	30.6.48	The Order provides for the constitution of a joint Committee to carry out the duties of the Executive Councils of Scotland with respect to the checking and pricing of the prescriptions for drugs, medicines and appliances supplied as pharmaceutical services under section 40 of the National Health Service (Scotland) Act, 1947, and for the procedure of the Committee.
48/1677 S. 147	The National Health Service (Local Health Authority Charges) (Scotland) Regs., 1948.	2.8.48	The Regulations specify the articles and services for which, where provided by a local health authority as part of their arrangements for the care of mothers and young children or for the prevention, care, and after-care of illness, the authority may if they so determine make a charge to the recipient.
48/1768 S. 152	The National Health Service (Medical Practices Compensation) (Scotland) Regs., 1948.	2.8.48	See Note on S.I. 1948, No. 1506.
48/1770 S. 153	The National Health Service (General Medical and Pharmaceutical Services) (Scotland) Amendment Regs., 1948.	30.7.48	These Regulations amend the National Health Service (General Medical and Pharmaceutical Services) (Scotland) Regulations, 1948, for two main purposes: first to extend the arrangements for maternity medical services to enable a payment to be made for the provision of these services by a woman's own doctor, notwithstanding that he is not on the list of practitioners who have indicated their willingness to provide maternity medical services; and secondly to enable a doctor to claim a fixed annual payment of £300 as part of his remuneration.
48/2038 S. 166	The National Health Service (Hospital Accounts and Financial Provisions) (Scotland) Regs., 1948.	10.9.48	See Note on S.I. 1948, No. 1414. (Page 770.)
48/2231 S. 174	The National Health Service (Charges for Appliances) (Scotland) Regs., 1948.	6.10.48	See Note on S.I. 1948, No. 1505.
48/2838 S. 211	The National Health Service (General Dental Services Fees) Amendment (Scotland) Regs., 1948.	1.2.49	See Note on S.I. 1948, No. 2803.
49/126 S. 9	The National Health Service (General Dental Services Fees) (Amendment) (Scotland) Regs., 1949.	1.2.49	See note on S.I. 1949, No. 48.
49/565 S. 27	The National Health Service (Arbitration and Transfer) (Scotland) Regs., 1949.	2.4.49	The regulations provide for arbitration where the transfer or apportionment of any property or liability is disputed.
49/566 S. 28	The National Health Service (General Medical and Pharmaceutical Service) (Scotland) Amendment Regs., 1949.	29.3.49	These regulations amend the National Health Service (General Medical and Pharmaceutical Service) (Scotland) Regulations, 1948, by making in respect of the financial year ending 21st March, 1949, special provisions for the remuneration of doctors.
49/772 S. 40	The National Health Service (General Dental Services and Fees) (Amendment) (Scotland) Regs., 1949.	1.5.49	The regulations amend the National Health Service (General Dental Services) (Scotland) Regulations, 1948, by providing for a special procedure for dentists when giving emergency dental treatment to casual patients.
49/773 S. 41	The National Health Service (Hospital Endowments Commission Procedure) (Scotland) Regs., 1949.	23.4.49	The regulations prescribe the procedure to be carried out by the Hospital Endowments Commission in framing and publishing schemes for the future management of endowments.
49/893 S. 52	The National Health Service (Local Health Authorities) Estimation of Expenditure (Scotland) Regs. 1949.	12.5.49	These regulations prescribe the method of estimating expenditure on which Exchequer grant is payable.
49/947 S. 57	The National Health Service (Executive Councils) (Scotland) Regs., 1949.	19.5.49	These regulations amend the National Health Service (Executive Councils) (Scotland) Regulations, 1947,

Number	Title		Operative Date	Subject
	land) 1949.	Amendment Regs.,		by making provision for the vacation of office on an executive council of a local health authority a member or officer who has ceased to be a member or officer of the authority.

(b) Department of Health for Scotland—Memoranda, Circulars, etc., issued to Scottish Regional Hospital Boards

Number	General Scope
R.H.B. (S) (47) 1	The Memorandum deals with the work of Regional Hospital Boards, and has sections on the following subjects: Description of Hospital and Specialist Services; Re-Organisation and Development; Co-operation with other Health Authorities; Medical Education; Education Training and Management of Staff; Other Administrative Problems and Relationships.
R.H.B. (S) (47) 2	The Memorandum outlines the preliminary tasks of Regional Hospital Boards, dealing <i>inter alia</i> with transfer of hospital premises, appointment of Boards of Management, and appointment of permanent staff.
R.H.B. (S) (47) 3	The Memorandum gives Regional Hospital Boards advice on the duties of Boards of Management and the grouping of hospitals.
R.H.B. (S) (47) 4	The Memorandum deals with the remuneration and conditions of service applicable to headquarters staff employed at offices of Regional Hospital Boards.
R.H.B. (S) (48) 1	The Circular summarises the provisions of the superannuation scheme for the National Health Service (Scotland).
R.H.B. (S) (48) 2	The Memorandum deals with various questions affecting local authorities, such as transfer of staff and supplies and services.
R.H.B. (S) (48) 3	The Circular outlines Polish hospital arrangements made under the Polish Resettlement Act, 1947.
R.H.B. (S) (48) 4	The Circular details arrangements for the co-operation in Regional Hospital Boards in providing beds for service cases and pensions cases for which the Ministry of Pensions are unable themselves to provide.
R.H.B. (S) (48) 5	The Memorandum explains the regulations relating to the functions of Regional Hospital Boards, indicating broadly what part the Regional Hospital Boards and their Boards of Management respectively might play in the discharge of these functions in practice, and suggesting the functions which might be delegated to the Boards of Management in the scheme which the Regional Hospital Boards have to prepare for this purpose.
R.H.B. (S) (48) 6	The Memorandum deals with the conditions of service of headquarters staff of Regional Hospital Boards, giving instructions <i>inter alia</i> about extra duty allowance, conditions of service, and employment of retired officers.
R.H.B. (S) (48) 7	The Memorandum deals with the use of hospital accommodation in single rooms and small wards when it is not needed by patients on medical grounds.
R.H.B. (S) (48) 8	The Memorandum deals with the administrative officers of Boards of Management, their functions, conditions of service and remuneration.
R.H.B. (S) (48) 9	The Memorandum gives guidance on the planning and organisation of the hospital and specialist services in respect of mental health.
R.H.B. (S) (48) 10	The Memorandum advises Regional Hospital Boards on the provision of ambulances and other means of transport in their area.
R.H.B. (S) (48) 11	The Memorandum is concerned with the provisional organisation of the specialist services in the transitional period after the appointed day.
R.H.B. (S) (48) 12	The Circular deals with the insurance of hospital premises, equipment and staff after the appointed day.
R.H.B. (S) (48) 13	The Memorandum deals with the travelling expenses incurred or to be incurred by persons for the purpose of availing themselves of hospital and specialist services.
R.H.B. (S) (48) 14	The Memorandum communicates arrangements for the treatment and alleviation of deafness and the provision of hearing aids.
R.H.B. (S) (48) 15	The subject of this Memorandum is the provision of medical and surgical appliances in accordance with S. 3 (1) of the National Health Service (Scotland) Act, 1947.
R.H.B. (S) (48) 16	The Circular deals with charges for accommodation and services under ss. 4 and 5 of the National Health Service (Scotland) Act, 1947.
R.H.B. (S) (48) 17	The Circular gives revised salary scales for the headquarters staff of Regional Hospital Boards, resulting from recent recommendations of the National Joint Industrial Council for Local Authority Administrative, Clerical and Technical Staffs in Scotland.

<i>Number</i>	<i>General Scope</i>
R.H.B. (S) (48) 18	This Memorandum deals with the appointment of specialists which is governed by the regulations made under S. 14 of the Act, and the selection and appointment of other medical and dental officers for appointments on the staffs of hospitals.
R.H.B. (S) (48) 19	The Memorandum gives revised salary scales for the headquarters staffs of Boards of Management resulting from recent recommendations of the National Joint Industrial Council for Local Authority Administrative, Clerical and Technical Staffs in Scotland.
R.H.B. (S) (48) 20	The Circular gives details of facilities in Scotland for the study and treatment of rheumatic diseases.
R.H.B. (S) (48) 21	The Memorandum deals with ophthalmic services to be provided as part of the hospital and specialist service.
R.H.B. (S) (48) 22	The Circular outlines considerations affecting the hospital building programme for 1949.
R.H.B. (S) (48) 23	The Circular makes amendments to R.H.B. (S) (47) 4 and R.H.B. (S) (48) 8 in respect of annual leave entitlement.
R.H.B. (S) (48) 24	The Memorandum deals with contractual arrangements with hospitals and institutions outside the National Health Service.
R.H.B. (S) (48) 25	The Memorandum gives information, supplementary to that contained in the National Health Service (Hospital Accounts and Financial Provisions) (Scotland) Regs., 1948 (S.I. 1948, No. 2038 (S. 166)), for the further guidance of those responsible for the financial administration of the hospitals service.
R.H.B. (S) (48) 26	The Memorandum deals with the procedure for acquisition, leasing and disposal of land, including premises.
R.H.B. (S) (48) 27	The Memorandum deals with the procedure to be followed in obtaining authority for hospital building projects.
R.H.B. (S) (48) 28	The Circular outlines the position in regard to salaries and conditions of service of officers, with particular reference to the functions of the Whitley Councils, and the interim scales in operation prior to final agreements through these Councils.
R.H.B. (S) (48) 29	The Memorandum deals with certain conditions of service of administrative and clerical staff of Regional Hospital Boards and Boards of Management.
R.H.B. (S) (48) 30	This Memorandum is intended to guide the Regional Hospital Board in regard to their responsibilities for providing physiotherapy and to suggest the lines on which this service should be developed.
R.H.B. (S) (48) 31	The Circular deals with the education of children in hospitals other than mental hospitals and mental deficiency institutions.
R.H.B. (S) (48) 32	The Memorandum gives advice about specialist services in the transitional period, further to that contained in R.H.B. (S) (48) 11.
R.H.B. (S) (48) 33	The Memorandum gives guidance to Regional Hospital Boards in discharging their obligation to provide facilities for the spiritual welfare of patients and staff.
R.H.B. (S) (48) 34	This Memorandum deals with the arrangements for reviewing and re-organising the specialist service on a permanent basis and is supplementary to the views already given on this subject in Part V of the Department's memorandum R.H.B. (S) (48) 11.
R.H.B. (S) (48) 35	The Memorandum deals with alterations in procedure in relation to former emergency hospital scheme arrangements.
R.H.B. (S) (48) 36	The Memorandum describes maternity services in the National Health Service.
R.H.B. (S) (49) 1	The Memorandum gives guidance on the use of almoners in the National Health Service.
R.H.B. (S) (49) 2	The Circular is concerned with revised arrangements for the medical examination of staff on appointment.
R.H.B. (S) (49) 3	The Circular announces the creation of a new grade of senior administrative officer on the staffs of Regional Hospital Boards.
R.H.B. (S) (49) 4	The Memorandum draws attention to the need for voluntary help for hospitals, and suggests some means by which it may be encouraged.
R.H.B. (S) (49) 5	The Memorandum gives instructions for casualty arrangements in case of major accidents.
R.H.B. (S) (49) 6	The circular covers a copy of A.C. circular No. 1, setting out the decisions of the Administrative and Clerical Staffs Whitley Council as to equal pay for men and women administrative officers, clerical and administrative staff salaries (Scotland) and assimilation.
R.H.B. (S) (49) 7	The memorandum deals with the post-graduate education of ex-service medical officers, and the selection and training of doctors to be specialists.
R.H.B. (S) (49) 8	The circular deals with the certification of blindness by specialists under contract with regional hospital boards.
R.H.B. (S) (49) 9	The circular requests regional hospital boards to notify all hospital and dental staffs holding provisional contracts expiring on 31st March, 1949. of their extension on the same basis until 4th July, 1949.
R.H.B. (S) (49) 10	The circular covers a copy of A.C. circular No. 3, giving details of new salary scales for Secretaries of Boards of Management and of a new pointing system.
R.H.B. (S) (49) 11	The memorandum gives details of the method of payment of persons who combine the clinical teaching of medical students with the care of patients.

<i>Number</i>	<i>General Scope</i>
R.H.B. (S) (49) 12	The memorandum is intended to guide regional hospital boards in regard to their responsibilities for providing chiropodial treatment, and suggests the lines on which this service should be developed.
R.H.B. (S) (49) 13	The circular deals with supplementary superannuation payments to certain transferred local government employees in respect of pension "expectations" in pre-5th July employment.
R.H.B. (S) (49) 14	The circular deals with the use of lifeboats for ambulance transport in emergency.

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Rheumatic disease, facilities for treatment	—	R.H.B. (S) (48) 20
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Superannuation amendment of regulations relating to description of scheme	48/1464 (S. 123) 48/412 (S. 28)	— R.H.B. (S) (48) 1
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Tribunal constituted under S. 43 of National Health Service (Scotland) Act, 1947	48/1451 (S. 119)	—
investigations by	48/1451 (S. 119)	—
regulations for	48/1259 (S. 96)	—
remuneration of members	47/2336 (S. 86)	—
U		
V		
Voluntary help in hospitals	—	R.H.B. (49) 4

V—SUMMARY OF REPORTS

The following provides a summary for reference purposes of some of the more important reports and official publications of continuing relevance to the development and organisation of the hospital service.

<i>Report of the Inter-Departmental Committee on Medical Schools (The Goodenough Report)</i>	page 807
<i>King Edward's Hospital Fund for London—Memorandum on Hospital Diet</i>	page 809
<i>King Edward's Hospital Fund for London—Second Memorandum on Hospital Diet</i> ..	page 810
<i>Staffing the Hospitals (Minister of Health, Secretary of State for Scotland, and Minister of Labour and National Service)</i>	page 811
<i>Nursing and Domestic Staff in Hospitals (Ministry of Health)</i>	page 812
<i>Recommendations on the Employment of Domestic Staff in Hospitals (King Edward's Hospital Fund for London)</i>	page 812
<i>Report of the Working Party on the Recruitment and Training of Nurses</i>	page 814
<i>Working Party on the Recruitment and Training of Nurses—Minority Report</i>	page 817
<i>Report of the Working Party on Midwives</i>	page 819
<i>Report of Joint Committee on Hospital Accounts (Institute of Hospital Administrators)</i> ..	page 821

REPORT OF THE INTER-DEPARTMENTAL COMMITTEE ON MEDICAL SCHOOLS

(The Goodenough Report)
(Published 20th July, 1944)

General Objectives

The aim of undergraduate medical education must be to guide medical students to such development of mind and character as will enable them when qualified to give maximum service to the community. To this end the student's training should provide a university education on board and liberal lines, scientific in character with the stress on principles and methods, with bias as to subjects according to the needs of the future general practitioner.

Unit of Organisation

The unit of undergraduate teaching should be the medical teaching centre consisting of a university medical school, a group of teaching hospitals (parent and associated) and appropriate clinics of the local health service. Each medical school should be a separate legal entity in association with a university the three extra-mural schools in Scotland being abolished. While the governing body of each constituent institution of a teaching centre retains full authority in its own field of responsibility, the policy, administration and activities of the constituent parts should be so interrelated that

the institutions function as one in the field of medical education and research. To this end it is suggested (a) that the medical school should be represented on the governing bodies of parent and associated teaching hospitals and *vice versa*, (b) an exchange of representatives between parent and associated hospitals should be encouraged, (c) a joint advisory body should be established to advise on all medical staff appointments other than to university chairs, readerships, etc., in respect of which there should be consultation with the hospital, (d) all persons who teach medical students whether at parent or associated hospital to be on staff of medical school, (e) a proportion of the medical staff to hold appointments at more than one hospital.

Administrative Pattern

The parent hospital must have a governing body personal to the hospital. If it is a local authority hospital this would involve appointment by the local authority of a separate committee of management for that hospital, having the widest possible discretion in the expenditure of its budget and not tied rigidly to detailed allocations, determined by the local authority.

The full members of the medical staff of any teaching hospital should have complete individual responsibility for the clinical management of their patients. The advice sought by the governing body on medical matters should be that of the medical staff as a whole, expressed through a medical committee. If there is a

medical superintendent he should not have executive powers in respect of the clinical management of patients, except in so far as such powers are delegated to him on the advice of the medical staff of the hospital.

Facilities for Clinical Instruction

As an optimum, schools with an entry of 100 students a year are recommended, having access to 950-1,000 hospital beds and to out-patient departments, laboratories and clinics. Local authority hospitals for infectious and for mental diseases must be included and as a rule the inclusion of one or more local authority general hospitals as full partners will be very beneficial in securing a comprehensive range of teaching resources.

The group of teaching hospitals associated with a medical school must include *at least* one parent teaching hospital which forms the focus of the arrangements for clinical instruction. The admission of patients to it must be selective and controlled in the interests of teaching.

Staff in Clinical Departments, including Pathology

The following changes are considered necessary to remedy the defects inherent in the present system, (a) the creation of more whole-time appointments in all grades, senior, intermediate and junior, (b) the adoption of new machinery for the selection of clinical teachers and members of the staffs of teaching hospitals, coupled with arrangements to minimise "in-breeding," (c) the payment of salaries to clinical teachers in respect of defined duties, (d) the reorganisation of the educational work of the clinical departments on the basis of at least each clinical division having an academic head.

Remuneration of Clinical Teachers

If it becomes the practice to pay the medical staffs of hospitals, part-time teachers should be paid a joint salary for the dual appointment, being greater than that paid to a non-teaching clinician of corresponding status. Except in the case of professorial and similar university appointments, the medical school and the other constituent parts of the teaching centre should consult in fixing joint salaries and proportion to be paid by each.

Staff Required

No common pattern suggested, but for bedside teaching, no teacher should be responsible for more than six to eight students.

There should be an adequate staff of non-medical technical assistants, for whose recruitment and training the universities should accept responsibility and for whom there should be a national scale of salaries and superannuation.

Women Students

Co-education should be the rule, and grants from public funds should be conditional on acceptance of a reasonable proportion of women students. There should be no sex bar in the making of hospital appointments.

Selection and Financial Assistance

Selection should not be merely on examination results. There should be an interview and consideration of confidential reports on previous career.

Grants to students should be adequate, no suitable secondary school pupil being prevented by lack of means from studying medicine.

Pre-Medical and Pre-Clinical Students

Detailed proposals are made under these heads affecting staffing and curriculum both of secondary schools and university colleges. Generally in London pre-clinical training should be provided at the medical school.

Pathology

The better staffing of pathological divisions with a professor at the head of each of the four departments is suggested. Students should be well-grounded in fundamentals, but not be expected to acquire detailed knowledge or technical skill.

General Clinical Instructions—Medicine, Surgery, and Obstetrics and Gynaecology

Six chapters are devoted to this, the keynote being that the bulk of students should be trained as family doctors, and more attention should therefore be paid to general medicine, minor ailments, early stages of disease, chronic and infectious diseases, and rehabilitation. There should be adequate training in midwifery and gynaecology. In surgery the technical details of operative measures are matters of post-graduate study; undergraduates should learn general principles and the treatment of those conditions commonly met in general practice.

The recommendation is made that at teaching hospitals medical students should have the first claim on midwifery cases, pupil midwives being accepted only if there is a surplus. Otherwise they should train at non-teaching hospitals.

Psychiatry

Whether he is dealing with problems of health or sickness, a medical practitioner cannot fully understand his patients or advise and treat them adequately unless he pays due attention to their psychological background. The training in psychiatry has failed to keep pace with the growing realisation of the important place which the subject should occupy in medical thought and practice. In future, every medical teaching centre must have an active department of psychiatry, the work and teaching of which are related to the work and teaching of the other departments.

Detailed proposals are made to this end, including the linking up of the mental hospitals with the work of the teaching centres.

Compulsory Pre-Registration House Appointments

After passing the final qualifying examination and before being allowed to enter independent medical practice, every medical student should be required to serve as a junior house officer for a period of twelve months in one or more approved hospitals.

General Medical Council

The Council should employ inspectors to visit medical teaching centres and report on courses of study, staffing, accommodation, equipment, arrangements and facilities for undergraduate medical education, the inspectors' reports and comments of the Council and of the institutions concerned being communicated to the University Grants Committee.

Final Examinations

The Universities of London, Oxford and Cambridge should reconsider the standard of their final examination and should introduce some "internal" features. Every medical school should provide a single organised course based upon university requirements which it should be compulsory for the student to complete before presenting himself for examination.

Curriculum

A drastic overhaul of the medical curriculum is an urgent necessity, and its accomplishment might be made a condition to be satisfied before any increase is made in Exchequer grant in aid of undergraduate medical education.

Post-Graduate Medical Education and Research

The five chapters devoted to these subjects are too detailed to be effectively summarised here, but it may be said that serious dissatisfaction is expressed with the present position and suggestion made for the determination of

qualification and standards of specialist status by suitable central machinery, the primary requisite being approved specialist post-graduate training after satisfactory *general* clinical experience in hospital appointments. The position with regard to the award of existing post-graduate diplomas, except the M.R.C.P. and the F.R.C.S., are generally regarded as unsatisfactory.

Development of research work through the Medical Research Council, the medical schools, teaching hospitals and post-graduate institutes, is proposed and financial and administrative suggestions are made to that end. Medical research should also be supported at non-teaching hospitals, particularly those approved for pre-registration house appointments.

Finance

Very substantial additional sums will be required annually for medical education. The teaching hospitals are indispensable to the work and should receive grants towards both recurrent and capital expenditure. Ultimately amounts should be fixed and grants out of block grant received from the University Grants Commission made by the universities on application of the medical schools on behalf of their respective teaching centres, these grants being additional to those in respect of participation of the hospital in the national health service.

All hospitals throughout Great Britain should adopt a uniform accounting system, including costing.

King Edward's Hospital Fund

MEMORANDUM ON HOSPITAL DIET

King Edward's Hospital Fund for London, 10 Old Jewry, London, E.C.2. (Published July, 1943.)

At the outset the memorandum comments on the wide variation in practice in regard to (a) the quality and quantity of food provided, (b) methods adopted for preparing and serving food, and (c) the application to the diet of nutritional principles. As to (a) it is noted that it was formerly the practice to provide only one full meal a day, the remaining meals (notably breakfast and supper) consisting principally of bread, margarine, tea and soup, supplemented by such provisions as the patients' relatives brought in. It followed that a patient not so assisted might actually lack sufficient food. The Committee adds that it is not easy to justify the practice of leaving the patients to provide staple articles of diet, but notes that it is more and more the practice to provide all necessary food, and also cooked breakfasts and suppers. The cautious wording of the commendation inevitably suggests to the reader that we are yet far from universal recognition and acceptance of this responsibility by hospitals.

In the body of the report there is a strong recommendation that the substantial cooked breakfast should be given at a normal hour such

as 8 a.m. and after nursing attention, when the patient is more likely to have an appetite for an adequate meal. The early morning cup of tea on waking is also commended. A reasonable, if restricted, choice of food is advocated particularly in the interests of the patient who may have a strong dislike for certain dishes. General ward diets are stated in some cases to be many years behind the times.

The second section of the report is devoted to the organisation of the catering department, and contains observations on the importance both of good buying and of good cooking, demonstrating by examples that it is false economy to try to save on wages of kitchen staff. One large hospital with a food bill of £20,000, by increasing its expenditure on kitchen salaries and wages from £1,000 to £2,000, actually showed a saving of £6,000 as well as a general improvement in diet. Importance of adequate modern kitchen equipment and attention to generally are stressed.

It is stated that the officer in charge of catering should either be a dietitian with adequate experience in large scale catering or else should act in full consultation with a dietitian. In the following paragraphs it is proposed that a catering committee should be set up in each hospital, the membership of which would include representatives of the house committee and of the medical staff, the house governor or secretary, the matron and the dietitian, with the catering officer as secretary, thereby implying that the dietitian would not be catering officer.

The recommendation is made that every hospital should have the services of a qualified dietitian to plan and supervise preparation and service of meals—small hospitals being grouped for this purpose. An alternative suggestion is that the King's Fund should offer dietetic advice to hospitals which express a wish for it.

An appendix to the memorandum contains the results of an investigation of actual meals served to patients and nurses at the three general hospitals of medium size which agreed to co-operate in the investigation. The results in terms of calories, fat, calcium, iron, and vitamins in the food served were found to be not altogether satisfactory.

Two further appendices deal respectively with an account of the setting up of a food service committee and the appointment of a dietitian as food supervisor at the General Infirmary at Leeds, and with group buying at the London Hospital.

King Edward's Hospital Fund

SECOND MEMORANDUM ON HOSPITAL DIET

King Edward's Hospital Fund for London, 10, Old Jewry, London, E.C.2. (*Published June, 1945.*)

The second Memorandum appeared in June, 1945, incorporating the results of a further eighteen months' experience. "This experience," says the Memorandum, "has shown that there is an overwhelming case for making the Catering Department a separate unit of hospital constitution, controlled by a senior officer responsible to the Board of Management through the chief executive officer. Control must be unified if efficiency is to be achieved."

Function of the Catering Officer

The catering officer should be responsible for: buying of food; control of stores; menu planning (in co-operation with dietitian, if the catering officer is not qualified in this respect); cooking and service; and, in the larger hospitals it will not be possible for the catering officer to give personal attention to all these duties, and she will need an appropriate number of assistants. For example, buying for a large hospital requires the services of a whole-time buyer, but the responsibility for providing the right foods is carried by the catering officer. In respect to service it is not suggested that the catering officer should take over from the ward sister the service of meals to the patient, for the sister knows better than anyone the type of meals most suitable and the likes and dislikes of the individual patients. The catering officer should co-operate with the medical staff, whose responsibility it is to prescribe the diets, and with sisters in seeing that suitable meals are provided and that the equipment for satisfactory service is available.

Financial Control

Lack of proper financial control is all too frequently found to be a consequence of divided responsibility, says the Report. It also seems

to be related, in not a few instances, to a poor standard of catering.

In catering establishments, other than hospitals and similar institutions, the quality of the meals served is commonly maintained by the reaction of the consumer who pays for them. Falling off in the quality of the food is quickly reflected in receipts. The fact that hospitals are not affected in this manner adds force to the needs for financial machinery that shall ensure economy without impairing quality.

It is apparent that to raise the standard of catering in hospitals will need more money, in some cases a great deal more than is now being spent on food, kitchen equipment and staff. If more is to be spent in this manner, the need for skilful economy at all stages of the catering chain becomes greater, although, in any case, it is a primary requirement of hospital administration. It has already been demonstrated in more than one hospital in recent years that reorganisation of the catering arrangements involving payment of higher salaries to more experienced staff has actually led to a reduction in over-all cost.

The Report expresses the view that it must be the governing authority of the hospital that decides finally what expenditure on food and kitchen staff and equipment is justified, but the preparation of financial budgets to cover catering and the efficient use of the money that is granted are matters that should primarily be the responsibility of a catering officer. The division of control so often seen in hospital catering is unlikely to lead to adequate and efficient financing of the kitchens.

A basic need is for segregation of all accounts concerning the catering. Complete records are required showing expenditure on food, salaries and wages, and overheads including depreciation, the number of meals of each type served to patients, nurses, medical and other staff. Meticulous record keeping is the foundation of sound planning and preparing budgets. This would be one of the most important duties of the catering officer. The absence of proper records leads to waste and extravagance.

Need for Radical Changes in Existing Conditions

Reorganisation it is said of the catering system in hospitals along the lines recommended by the Fund may in many instances sharply conflict with traditional practice. This fact has to be faced. Perhaps the strongest tradition that will be invoked against radical changes is that which closely associates the feeding of patients with their nursing. It is a link with the days when the sick poor were as much in need of food as of treatment, and when charity gave them both. Thus was established the close association of the nursing staff with the preparation of the patients' meals, which, in one form or another, continues.

Staffing the Kitchens

Suggestions have been made from time to time that the number of kitchen staff can be related to the number of meals served. That is not so. A hard and fast standard cannot be laid down. Hospital kitchens differ so greatly in their lay-out, their equipment, particularly the extent to which labour-saving devices have

been installed, and their cooking arrangements, that each individual kitchen needs special consideration when the question of staffing is raised.

The importance of having in the key position of chef or head cook a person of skill and initiative needs no emphasis. It should be unnecessary to stress the importance of giving that person adequate remuneration and satisfactory living conditions. Indeed, the post should be one not only carrying responsibility but conferring dignity.

The head cook should be permitted to have a say in the selection of her kitchen staff. He or she should also be encouraged to take an interest in the training of the junior members of the staff. This should not be left to chance. It should be carefully planned with a view to bringing out the best in them. There is an object lesson for the hospitals in the organisation of the kitchens of our large hotels and in the manner in which they train their junior staff.

No department of the kitchen should be left to the care of an unskilled staff. Vegetables will never be prepared as they should if they are cooked in a happy-go-lucky manner by the most junior kitchen-maid or a temporary daily woman. Cooking of vegetables calls for skill if it is desired to get anything better than a sodden mess from which the greater part of the nourishment has been extracted. Sweets also require careful preparation, if variety and attractiveness are desired. The line of least resistance is to get the kitchen-maid to make a

milk pudding as best she can, and it is far too frequently followed.

Buying

The principles underlying good buying are the same whether small or large hospitals or groups of hospitals are concerned. The diet will be satisfactory and the catering efficient only when the purchase of food is given full and very careful consideration.

Buying of food for hospitals or other institutions is work for an expert who has experience and knowledge not only of market and price lists, but of the quality of food and the use to which it is to be put after it is bought, both in its cooking and in its service. Where the Catering Officer is not the buyer, the buyer should be under his direction. The buyer not only buys what is required by the caterer, but he sees that it is of the right quality and kind. Buying the most suitable quality of food at the cheapest price obtainable can only be done by studying price lists, markets and trade papers, interviewing travellers, experimenting and always trying to improve. Every advantage must be taken of seasonal and other changes that so profoundly affect the markets. A competent caterer has to live on the crest of the wave.

The second Memorandum deals also with record keeping and storing, emphasising the importance of keeping full records of all food purchased and issued; and menu planning with, ancillary to it, a number of recipes and recommendations about the planning of meals.

STAFFING THE HOSPITALS

Published jointly by the Minister of Health, the Secretary of State for Scotland and the Minister of Labour and National Service.
(Published December, 1945.)

The pamphlet with the above title issued jointly by the Minister of Health, the Secretary of State for Scotland and the Minister of Labour and National Service summed up in balanced terms the need for a substantial increase in both nursing and domestic staff in hospitals and the causes of the deficiency. It also outlined measures of reform which it is hoped would stimulate recruitment.

Nursing Staff

As to the cause of the shortage of nursing staff, at that time it emphasised that there had been no diminution in the rate of recruitment and that the same was true of domestic staff. The shortage arose from increased needs due to the expansion of the hospital and health service, whilst an increase of 170,000 births per annum since 1940 meant that many more midwives were also needed. That the existing shortage itself leading to over-worked staffs and strained working conditions was a discouragement to those who might otherwise take up hospital work either as nurses or domestics is faced, as was also the fact that whilst in the better hospitals the staff had a really excellent vigorous, corporate life, the undoubted examples still existing of less modern and less enlightened methods of hospital

administration were too often thought of as typical. Hence, to stimulate recruitment, besides announcing substantially increased salary scales for all grades of nurse from enrolled assistant nurse to ward sister and the establishment of national machinery for adjusting wages of domestic grades, the pamphlet laid down certain minimum conditions of service which should be aimed at by all hospitals and similar institutions.

The amelioration of conditions of work was proposed, such as shorter hours, regular off duty times and holidays; better health supervision; better food, etc.

A reform proposed was in the direction of greater personal freedom for nurses, insistence that nurses, in off duty hours, should have the same scope for unrestricted use of their leisure as any other member of the community.

Domestic Staff

The code for domestic staff was very similar in outline and comparatively no less liberal. For both nurses and domestics not only national negotiating machinery but also appropriate internal committees to deal with matter not appropriate to the national machinery were recommended.

The official statement prefacing the codes said: "Perhaps the most important thing to remember about the codes is that most of the prescribed conditions, and in particular those which concern hours of work and off-duty arrangements, become progressively easier to achieve as more workers come into the hospital service."

NURSING AND DOMESTIC STAFF IN HOSPITALS

Published by the Ministry of Health.
(Published December, 1948.)

These notes, which cover a wide range of subjects, are intended to be read in conjunction with the statement on hospital working conditions contained in "Staffing the Hospitals," a paper issued jointly in 1945 by the Health Departments and the Ministry of Labour and National Service.

The notes are a balanced mixture of information and advice. On the subject of nurse recruitment the information includes a summary of the machinery for filling vacancies, a reminder that the Control of Engagement Order, 1947, does not apply to nurses, midwives or unqualified persons employed on nursing duties, particulars of King Edward's Fund Nursing Recruitment Service, pre-nursing courses, the position of ancillary nursing grades, the intensive courses which service nursing orderlies, with certain prescribed experience, may take on leaving the Forces, and the various channels of overseas recruitment. In the way of advice, this section deals at some length with publicity, the selection of students, part-time staff, and the more effective use of male nurses.

On the subject of "publicity," it is suggested that hospital management committees may find it advisable to appoint one of their officers who has experience of nursing problems to co-ordinate the various activities which the booklet suggests and to represent the needs of the hospitals to the various bodies concerned.

Management committees are urged to use part-time nursing staff of all grades as fully as possible, and to adjust hospital routine where necessary to suit the convenience of part-time workers, especially married women.

The notes express the view that hospital management committees should consider whether they might not profitably increase the number of male nurses employed. In support of this they mention such factors as the longer average period of service obtainable from men than from women, and the fact that difficulties in employing, training and accommodating mixed staffs and arranging for married men to live out "are not insuperable."

A section of the booklet dealing with training in supervision gives interesting information about a series of experiments bearing on the whole problem of staff relations. These experiments are designed to assess the value of the "Training within Industry" courses which have been tried, says the booklet, with considerable success in American and British industrial undertakings, and also with some degree of success in hospitals in the United States. These courses are not concerned with the technical aspects of nursing, but with basic principles of supervision and personal relations. They are arranged by the Ministry of Labour and National Service who, it is understood, are prepared, when their resources permit, to give management committees thorough demonstrations of the content of the courses.

The notes also deal at some length with matters affecting domestic staff, of which there is still, we are informed, a shortage, though

not to the same extent as two to three years ago.

Management committees, where they find it impossible to obtain or accommodate additional resident staff, are urged to make every effort to recruit non-resident staff, this being essential if the fullest use is to be made of the service of available married women. Other sections relating to domestic staff deal with training, selection, superannuation and staff establishment. It is satisfactory to see that under this last heading the notes mention the use of labour-saving devices.

EMPLOYMENT OF DOMESTIC STAFF IN HOSPITALS

King's Fund Recommendations

King Edward's Hospital Fund for London,
10, Old Jewry, London, E.C.2.
(Published July, 1946.)

In the course of 1945 King Edward's Hospital Fund for London received a request from the Factory and Welfare Advisory Board of the Ministry of Labour and National Service to examine matters connected with the employment of domestic staff in hospitals, with a view to making recommendations for consideration by hospitals. The Board had noted that although a considerable advance had been made in the provision of suitable accommodation and amenities for hospital domestic staff, there was still a grave shortage of labour which was aggravated by a high rate of turnover.

The Fund agreed to the request, and a committee was set up under the chairmanship of the Rt. Hon. Malcolm McCorquodale, P.C., with the following terms of reference:—

"To consider matters connected with the employment (but not the remuneration) of resident and daily domestic staff in hospitals, with a view to making recommendations on staff management and welfare supervision." The following is a summary of the committee's recommendations:—

A. General

1. *Workers from Europe.* The Government's plans for bringing over women from Europe for domestic work should be implemented with the least possible delay.

2. *Status of Domestic Work.* The Ministry of Education and the Ministry of Labour, in their advisory work with juveniles, should give due importance to domestic work as a main factor in the well-being of the community, and as offering opportunities for a skilled and satisfying career.

3. *Training in Personnel Management.* Three-month courses in personnel management, having special reference to hospital work, should be arranged by the Institute of Labour Management, the Ministry of Labour, or some other appropriate body.

4. *Economy of Labour.* One of the Government departments should organise an Exhibition of the labour-saving appliances which have been found most serviceable for hospital use, and information as to their availability be supplied to the hospitals. The exhibition

might be organised in London first and might tour the provinces later.

The proposed National Institute of House-workers should make a scientific analysis of domestic work in hospitals, with a view to increased efficiency, economy of labour and regrading of personnel.

In all plans for hospital construction, architects should pay special attention to the need for economising in personnel and mechanising domestic work as far as possible.

5. *Uniform as a Factor in Raising Status.* The Board of Trade should give high priority to the relaxation of restrictions on the uniform of hospital staffs.

B. Recommendations to Hospitals

1. *Workers from Europe.* Hospitals should make the fullest use of the opportunities provided by the Government's recent decision to admit European women for domestic employment in hospitals. This may be either by applying for workers brought over under the Government scheme, or by getting in touch themselves with workers of any nationality other than German, and applying for permits for their admission.

2. *Status of Domestic Work.* Every effort to be made to raise the status of domestic work by offering well-planned training schemes and better opportunities of promotion.

3. *Appointment of Domestic Supervisor and Welfare Officer.* All but the smallest hospitals should appoint a full-time domestic supervisor and welfare worker, responsible for the recruitment, training, supervision and welfare of daily and resident domestic staff. The domestic supervisor should be accustomed to dealing with people and also should have the right personality for the work. She should have had training and experience in institutional management or domestic science and, if possible, some training in personnel management.

The domestic supervisor should be responsible to the Matron, except in financial matters, in which it should be her duty to advise the Board through the appropriate channels.

The post of domestic supervisor should be made equal, in status and remuneration, to comparable posts in industry in the area.

4. *Economy of Labour.* Greater use should be made of labour-saving equipment, as it becomes available.

As the overall shortage of labour is likely to continue indefinitely, the domestic routines in hospital should be reviewed in order to economise time and effort and to reduce to the minimum the number of man-hours needed for the essential cleaning, upkeep and service.

In plans for building, all details of construction and choice of materials should be considered from the point of view of economising in personnel and mechanising domestic work.

5. *The Nursing Staff and Domestic Duties.* As soon as sufficient domestic staff are available, the nursing staff should be relieved of domestic responsibilities.

Carefully planned teaching and practice in housecraft should be a recognised part of the nurses' training, but the domestic requirements of the wards should not depend on the student

nurses to such an extent as to absorb much of their time or energies.

6. *Type of Workers to be Recruited.* Every effort should be made to offer conditions, training and opportunities of promotion which will attract a better type of worker. At the same time, hospitals cannot depend entirely on these, and domestic work in hospital affords a valuable form of employment for those with some physical or mental handicap. Each hospital should decide whether it can staff on normal workers only, or whether it should take also the handicapped. If the latter, special arrangements should be made for their supervision and training and it might be well to secure the co-operation of the other workers in taking responsibility for them.

7. *Ward Orderlies.* Hospitals might consider the employment of ward orderlies who should have a special schedule of duties, including some of the non-nursing services to the patients which were previously part of the nurses' routine. Ward orderlies should wear a distinctive uniform.

8. *Male Domestic Orderlies.* Hospitals might consider the greatly increased employment of male domestic orderlies and take immediate steps to recruit ex-service men for this.

9. *Hours of Duty.* The straight shift system should be introduced wherever it is practicable. Where there are not sufficient domestics for this, the objection to hospital hours can be met by arranging for more evenings off duty for resident domestic staff. This might be made possible by the employment of more part-time workers, by a reallocation of work between resident and non-resident staff, or by "help-yourself" arrangement for the evening meal for all staff.

10. *Transport.* Hospitals which recruit or might recruit daily workers from residential areas a short distance away, should provide a 'bus to collect them if public transport is not adequate.

Hospitals in the country should see to it that there is transport to the nearest town for their resident staff.

11. *Accommodation and Amenities.* Better accommodation for domestic staff should, and no doubt will, be arranged in many hospitals as soon as building is possible. In the meantime, attention should be given to any details which help to create a happy atmosphere in the home and to make the worker feel she is regarded as an individual. Where it is practicable, the domestic staff should have a floor or wing to themselves, or in larger hospitals a self-contained home with a separate entrance. The catering should be the same for the domestic staff as for the nurses. There should be a canteen or other meals service for the daily workers.

12. *Health.* In hospitals of suitable size a minor ailments clinic should be held daily and domestic staff encouraged to use it. On the general health care of staff, hospitals are referred to the recommendations in the Memorandum on the Supervision of Nurses' Health published by King Edward's Hospital Fund.

13. *Pensions.* Consideration should be given to the arrangement of non-contributory pension

schemes for long-service domestics, and such schemes should be fully explained to every worker and published as part of the hospital's recruitment policy.

14. *Uniform.* As soon as the regulations permit, consideration should be given to the value, both for recruitment and for morale, of an attractive and practical uniform.

15. *Nurseries.* The larger hospitals should consider the possibility of providing nurseries where daily workers can leave their children, or arrangements should be made with a local nursery so as to fit in with the hours at which the

workers are needed in hospital.

16. *Recruitment through the Hospital Population.* Much more recruitment work for domestic staff should be undertaken through in-patients or their visitors, or through out-patients.

17. *Contact with the Ministry of Labour and National Service.* In view of the active steps taken by other employers, hospital authorities should make sure that their staff requirements are constantly before the Local Employment Committees and other advisory committees of the Ministry of Labour in the region.

REPORT OF WORKING PARTY ON THE RECRUITMENT AND TRAINING OF NURSES

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The Report of the Working Party appointed by the Minister of Health, the Secretary of State for Scotland and the Minister of Labour and National Service to enquire into the recruitment and training of nurses was published in September, 1947.

The Working Party was given very wide terms of reference. It was suggested that it should survey the whole field of recruitment and training of nurses of all types and it was given the utmost freedom to determine the lines along which, and the limits within which, it should pursue its enquiry. It was, however, laid down that the Working Party's objective should not be to attempt to formulate interim proposals to remedy or palliate present difficulties but rather to assess, if possible, what nursing force in terms of quantity and quality was likely to be required in the future, when the national health service had been developed and to suggest how best that force could be trained and deployed.

Intelligence of Nurses

From the results of its survey of intelligence the Working Party concludes :

- (i) The very wide range of ability among nurses shows that the profession is far from being homogeneous in quality. No uniform and satisfactory training course can be given to candidates of the widely diverse levels of ability found among student nurses.
- (ii) If training requirements are to be properly met, the selection of candidates must have regard to their ability to meet these requirements. This end can best be achieved by employing standard tests of intelligence in conjunction with other selection techniques.
- (iii) Candidates for nurse training who, though suitable on personality and other grounds, are below the level of ability required to complete the course successfully, should be encouraged to accept employment in a capacity ancillary to nursing.

Intake and Loss of Trained Nurses

The main results of an analysis of the intake and loss of trained nurses are :—

- (a) The number of trained nurses entering first employment in hospital each year is probably between 9,500 and 10,000.

(b) About 6,300 trained nurses each year transfer to hospitals from nursing employment in other hospitals or elsewhere.

(c) The average number of trained nurses in the hospital field leaving the profession each year is estimated to be about 5,600 ; another 3,000 are estimated to leave the profession from the public health and other fields.

(d) Rather more than a third of the loss from hospitals is due to marriage. Sickness accounts for about 9% of the loss from general hospitals and for 5 to 15% in other hospitals.

(e) The annual replacement rate of trained nurses must be at least about 9,000 a year before any expansion in the size of the profession can take place.

Wastage during Training

The average wastage during training in all fields at present amounts to 54%. While some part of this wastage is undoubtedly due to the admission of candidates who lack the ability or temperament to pursue the training successfully the exceptionally high rate of wastage among student nurses clearly indicates that they are expected to work and train under conditions which even many of those suitably equipped are not prepared to tolerate.

The results of a special study of the causes of the wastage indicated that there is at present a general factor underlying all causes of wastage. This factor is composite and manifests itself as the combined effect of all the various reasons which are given for leaving—hospital discipline, food, pay, etc. The reasons which enter into this composite factor are not equally important. First in significance is hospital discipline, the second the attitude of senior staff. Inadequacy of food both in quality and quantity and the span and pressure of working hours come next in that order. Following on this are poor accommodation, insufficient pay, poor social and recreational facilities and the domestic work which students have to carry out. Dissatisfaction either with training methods or examinations is apparently unimportant in its effect upon attitudes towards nurse training. Dissatisfaction with arrangements for the care of nurses' health is in rather a different category; it does not tend to provoke discontent with other features of hospital life as do hospital discipline and the attitude of the senior staff.

From this study the conclusion clearly emerges that the most important cause of wastage is the type of discipline which pervades the training schools. Self abnegation has been the keynote of a code of discipline originally inspired by a conventional tradition and,

although thus historically intelligible, the tradition has, through the insularity of institutional life, been preserved more or less unaltered by the profound changes in social life which have affected the community as a whole. During the inter-war years a generation has grown up nurtured on modern ideas of personal freedom and the relationship between the sexes, and inevitably a gulf has separated representatives of the old order from the newcomers to nursing. Potential student nurses to-day for the most part regard nursing as a profession with no more justification than any other for encroaching upon their personal life. It is not surprising, therefore, that friction should occur between the older and younger generations of nurses, and feelings are exacerbated by the psychological deprivations which the older generation had perforce to suffer and from which the emancipated younger generation of nurses is free.

Experience has shown that it is of little use merely *appealing* to hospital authorities to modify discipline or to adopt more understanding attitudes and, therefore, the introduction of *structural* changes in the organisation and staffing of training schools is needed.

As a result of its investigations into wastage of student nurses the Working Party concludes that the following changes must be introduced :

- (i) Nurses in training must no longer be regarded as junior employees subject to an outworn system of discipline. They must be accorded full student status with the conditions such status implies, so far as the intrinsic requirements of nurse training permit.
- (ii) A new selection procedure for student nurses (see later).
- (iii) A method of selection for appointment to senior posts which will help to secure that only those are appointed who possess the capacity for developing satisfactory human relationships.
- (iv) Steps must be taken to improve the quantity and quality of diet and to provide suitable accommodation and other amenities.
- (v) The training day must be reduced in span so that it approximates as closely as is practicable to that of a "normal" working day. This involves the introduction of a three-shift system.

The Training of Nurses—New Scheme

Student nurses should be treated as students for a period of two years, the first eighteen months of which would be devoted to common content for all students and the remaining six months to concentrated study in a chosen field. (This is based on a five-day training week of 40 hours and six weeks' annual vacation.) At the end of the two years and subject to examinations the nurse would be granted provisional state registration and would be entitled to the pay, status and title of state registered nurse but would be required to spend a third year in nursing practice under supervision before provisional registration would be confirmed, after which the nurse would be licensed to engage in private practice or be employed otherwise than under supervision. There would be one common register for all nurses.

During her 18 months basic training the student nurse would cover a much wider field than she does at present, particularly on the

preventive side. From the start of her training the student would be made aware of all fields of nursing and what the community does to promote health.

The state examination would be divided into two parts, the first taking place at the end of 18 months and the second at the end of two years, the latter being more closely related to the specific content of the chosen course. The verdict of examination should be checked against evidence of subsequent proficiency.

With regard to midwifery qualification, it is suggested that the present training requirements of the College of Midwives could be integrated in the scheme outlined, thus leading towards unification of the nursing profession.

Some Implications of the New Scheme of Training

Basic Conditions : Conditions must be such as to permit the planning and conduct of training courses unhampered by the staffing requirements of particular hospitals: this calls for adequate and stable domestic and nursing staff in the hospitals concerned.

The dissociation of training from staffing needs will place the student under the control of the training authority and not of the hospital, and the cost of training should be dealt with entirely separately from the general maintenance expenditure of the hospitals concerned; student nurses would not be employees of the hospital. It will be the concern of the Minister of Health to watch the demand for and stimulate the supply of nurses. The notion of "recruitment" will no longer apply though the Ministry of Labour and National Service will continue to be concerned with the initial selection of a career.

A three-shift system will be necessary, for qualified staff no less than students, in order to achieve a "normal" working day.

Teaching Needs : It is essential that measures be taken to safeguard the sufficiency and quality of the teaching staff who should be skilled in handling people and in the use of the most modern educational methods and technical devices for instruction.

Remuneration : Since in the future student nurses are to be treated as students and, instead of training being incidental to their work in the wards, the service they render to the hospital becomes incidental to their training, the basis of their remuneration calls for re-consideration. It is necessary that a training grant be made to a student nurse adequate to cover reasonable personal expenses (including on vacation) in addition to board residence or an allowance in lieu, and free tuition, the grant being paid by the training authority. Nevertheless, it is of considerable importance to stress the view that what is required is not so much slight changes in the size of grants paid during the relatively brief training period but better training and wider career prospects with enhanced status and opportunities.

Probably one-third or even half of the wastage of nurses during training could be prevented by selection methods, which would exclude those unfitted for nurse training at the outset. Perhaps a quarter of the student intake in recent years was unsuitable for nurse training; about

half of these would appear to be temperamentally and half intellectually unfit for nurse training.

It is, therefore, necessary to assess in advance the candidate's capacity to respond to training and, having studied reports of experience in other comparable fields, a simple and straightforward procedure is recommended which should be used only by specially trained persons. This approach would involve a careful interview by the personnel selection officer during which particulars are elicited concerning general education and occupational background as well as of interests, stability and personality; a questionnaire dealing with occupational preference, "self-knowledge" and health; and standardised tests of intelligence.

Recruitment : It appears that the recruitment of candidates for nursing is a secondary task; the primary task is to remove the deterrents to recruitment which are much the same as the causes of training wastage.

Organisation and Administration

Nurse Training Units : Both hospitals and public health agencies should form a composite training unit of which there should be at least one in every hospital region. Existing schools may serve as key institutions, but none will be complete in itself. The organisation of the training in each unit would be the responsibility of a director or principal assisted by an adequate staff, some full time and others (staffs of hospitals and public health agencies) part time.

Regional Organisation : Circumstances will dictate the number and size of training units in each region, but there should be two subdivisions of nursing administration; one to organise the nursing services of the community (*i.e.* the function of the regional hospital board, hospital management committees, boards of governors of teaching hospitals and local health authorities), and the other the recruitment and training. Each unit would have its education committee comprising representatives of the teaching staff, hospital matrons and governing bodies of the institutions comprising the unit.

A regional nursing training board with wide representation would need to be established to co-ordinate the work of the units in the region. The principal duties of such board would include :—

- (i) planning and co-ordination of facilities for training;
- (ii) co-ordination of standards of admission and allocation of students;
- (iii) approval of supervisors;
- (iv) formation of advisory centres.

Central Organisation : It is presumed that standing advisory committees for nursing will be set up by the Minister concerned, in addition to the Central and Scottish Health Services Councils, to advise on the general administration of the nursing services and organisation at the national level of the system of training. The existing Ministry of Health Division of Nursing and that of the Department of Health for Scotland will need to be strengthened so

as to carry out efficiently inspection and supervision of the system of training. An adviser on nursing education would be required on the staff of the chief nursing officer.

Headquarters Research Units : Headquarters research units should be set up at the Ministry of Health and the Department of Health for Scotland to initiate and co-ordinate research work on technical matters affecting the work and life of the nursing profession including recruitment and training.

Experimental Centres : "Laboratories" for the headquarters research staff would be experimental training centres, which would act as observation centres and sources of new methods, this all determined by the criterion that training should contribute to reduce the incidence or duration of sickness.

General Nursing Council : It is assumed that the General Nursing Councils will continue to be responsible for examination, registration and discipline, the syllabus being subject to the approval of the Health Department.

The constitution, however, should be amended to arrange for regional representation on the Council itself (instead of nationally elected representatives), and the two existing Councils (for England and Wales and for Scotland) should be amalgamated to form a General Nursing Council for Great Britain upon which should be represented government departments, nurses and university or other educational agencies.

If training of midwives is incorporated in nurse training the General Nursing Councils and the Central Midwives Board should be combined to form one governing body to cover all fields of nursing and midwifery in England, Wales and Scotland. This body should include representatives of government departments, nurses, midwives, university and other educational agencies, and might be called the General Council for Nurses and Midwives of Great Britain.

Effects of Proposals

Effects of three shift system : Having taken a varied sample of hospitals and made necessary adjustments to achieve uniformity, it appeared that the general hospitals in the sample require about 30 trained nurses per 100 beds to operate a three-shift system. This represented an increase of about 50% for voluntary general hospitals and 85% for municipal. It is only possible to make the most tentative estimate of the number of additional trained nurses required to operate the three-shift working day throughout the country, but the maximum number is not likely to be less than 12,000 and may exceed that figure. An addition of 8,000 (not all trained nurses) would be required to staffs of mental hospitals, sanatoria and public health institutions.

Effects of introducing student status : The number of additional nurses required to make possible the introduction of student status in training schools is estimated at between 14,000 and 15,000 trained nurses and 5,000 nursing orderlies. To maintain the numerical strength of the nursing profession at its Decem-

ber, 1945, figure requires an annual intake of newly qualified nurses of some 9,000. If the annual intake were maintained at 20,000 suitable recruits, the number of trained nurses entering the profession each year might rise to 15,000, that is, a margin over replacement of not less than 5,000. If all these could be devoted to providing the staff necessary to secure the three-shift day and student status the additional force required of, say, 24,000 trained nurses could be built up in five years, and probably 14,000 students would provide sufficient nurses to meet the increased replacement rate of 12,000 a year.

All this demands the removal of all restrictions on the employment of married persons, the development of part-time service and the extension of the use of male nurses.

It is estimated that the trained nursing force at December, 1945, was 88,000, and that the minimum required to meet the proposals made is 112,000. Given the immediate shortage of 9/10,000, the requirements call for a trained nursing force of 120/125,000, and this is not having regard to the (largely unknown) additional requirements of the National Health Service.

WORKING PARTY ON THE RECRUITMENT AND TRAINING OF NURSES

Minority Report

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The Minority Report was prepared because there was a divergence of view between Dr. Cohen and the other members of the Working Party on the nature of the basic problems in the nursing situation.

A completely new departure in method is proposed on scientific lines since it would probably be true to say that in the face of a seemingly intractable nursing situation the old methods of compiling reports on nursing can do little more than solve an occasional problem by dint of persistent trial and error in discussion. All bias, however subtle in the new approach to the problem, must be avoided, and it is urged that scientific method where applicable must be followed wherever it leads, the unpalatability of relevant facts not being allowed to prevent their coming to light. In order to be effective, an enquiry into hospital nursing services must examine the organisation of a hospital as a whole, for the nurse's role cannot, without loss of perspective, be abstracted from the context of the institution in which she works. The type of enquiry now proposed is, in effect, operational research in the field of health, the object of which would be to ascertain the conditions in which each component—staffs, buildings, equipment, siting, size and functions—may contribute to the optimum working of the total scheme.

The Community's Nursing Needs

Unless an answer can be given to the fundamental question "what is the correct number of nurses?" little progress can be made in planning a nursing service. A distinction must be made between this basic task of finding an

answer to certain key questions and the need to effect certain changes, e.g. humanising hospital discipline, the justification for which is not doubted by those familiar with the facts. In the first case, a fairly considerable research effort may be needed; in the second, the situation demands an effort of will to bring about the necessary change. Attention is now to be concentrated on the former problem. Examples are given of past failures to estimate the nursing and other professional requirements of the community.

In discussions with the late Mr. Geoffrey Pyke it became evident to Dr. Cohen that any calculations of nursing needs must be closely linked up with the question of the correct allocation of woman power in the interests of the community as a whole, not merely in a localised area. Health planning within the master plan for the national economy must seek to use the national resources allocated to it in the best interests of the nation as a whole. Factors which have to be taken into consideration when making any estimate of nursing needs include an estimate of the number of beds required, and the correct size of the curative services, this linking up with proposals regarding the preventive services.

How Many Beds?

Probably the most important single factor in attempting to determine the size of the nursing service is an estimate of the number of beds required, but unfortunately, when approached, various authorities throughout the country have made widely different recommendations. Certainly there are many practical difficulties to be encountered when attempting such an estimate, but proposals put forward rarely offer any sound basis on which to build. In 1945-46, for instance, a series of hospital surveys throughout England and Wales was undertaken by the Nuffield Provincial Hospitals Trust. The recommended bed ratios for a provision of all types of bed per 1,000 of the population ranged from 6.6 to 10.1, an impossibly wide range to be of use in building up a hospital service. Whatever ratio of nursing or medical staff to beds was adopted, the upper limit would, on these recommendations, exceed the lower by nearly 50 per cent.

Opinion versus Research

Reforms in the past have been advanced on social or moral grounds rather than on the strength of scientific or economic evidence, but, as Sir Oliver Franks has recently stated, planning in the health, as in other fields involves "decisions of policy quantitatively expressed in the form of programmes and such measures as in particular circumstances may be necessary to ensure the performance of these programmes."

No solution to the really basic problems of nursing reconstruction may be expected without a radical change in the current attitude towards research in the social sciences. Two types of research organisation are proposed—one to study the common and many-sided problems which affect not only nursing, but other aspects of the industrial and social life of the community, such as the optimal distribution of woman power and methods of increasing productivity in health and other fields; the other to be located in the Health Departments and

to be concerned with problems specific to the health field. This latter would act as a sociological research base for health planning with a section allotted specifically to nursing problems.

Criterion of Nursing Productivity

Before it is possible to determine the correct allocation of woman power for nursing, the effectiveness or output of nurses must be assessed in order to measure the effect on production of increasing or decreasing the size of the nursing profession. The aim is to ascertain the number of nurses to train and employ in the interests of the community as a whole as contrasted both with the smallest number with which the health service can operate without breaking down and with the largest number that could be attracted to the profession. The problem is one of measuring efficiency by evaluating on some acceptable criterion the performance of nursing duties and the criterion suggested is the patient's duration of stay, this being held to be an index of the duration of his sickness and the only objective measure of the success of nurses and doctors in speeding his recovery. This has, however, never been explicitly nor probably even implicitly the aim of hospitals in the past which have been more concerned to play a custodial role, not always with the most desirable psychological effects on the patient.

Detailed Examination of Hypothesis

The hypothesis to be examined may be formulated thus: in hospitals of the same type, where provision is made for the same sickness groups in similar proportions and where the quality of the nursing or medical staff is roughly the same, the average duration of stay depends on the number of patients per nurse and per doctor. It is assumed that the quality of hospital facilities and equipment in so far as it has an effect on the patient's stay varies with the number of doctors and therefore is taken into account.

In the general training hospital (voluntary) it was discovered that there was definitely an inverse relationship between the nurse bed ratio and the duration of stay, that the productivity secured by the saving in the patients' working days would just about offset the increase in salaries due to an increased number of trained nurses, and that the presence or absence of student nurses had no noticeable effect on the patient's duration of stay.

In general non-training hospitals (voluntary), the majority being cottage hospitals, the trained nurse has to be skilled and resourceful since there are generally no full time resident medical staff. To reduce patient stay from 17.6 to 16.6 days, an additional 1,000 trained nurses would be necessary, or alternatively, probably three times as many assistant nurses or 3,400 additional part-time doctors would meet the need.

The data suggests that in mental hospitals, nursing assistants are performing a useful function in accelerating patients' recovery, a function apparently carried out more effectively by them than by trained mental nurses under present systems of training.

The evidence indicates that in tuberculosis

sanatoria, the particular quantity and quality of nursing care has comparatively little effect on the patient's rate of recovery, rest and good food being the essential features here. This emphasises the importance of the preventive services in this field since the curative processes cannot readily be speeded up.

The nursing staff needs of the chronic sick might be met by engaging additional nursing orderlies to assist the trained nurse, but this is propounded only as a temporary expedient pending further factual enquiries into the true nursing needs of the chronic sick.

Salaries

The economic value of a nurse's work depends on the value of the work of those she helps to regain their health. The immediate and direct productivity of a nurse (calculated to be £200 p.a. value in a general training hospital, £230 p.a. in a general non-training hospital) is considerably less than that of the average worker, but it does not necessarily follow that she should be paid less. Her indirect contribution to the physical productivity of the community should be noted—care for the housewives and the children, and of the old and infirm.

Recruitment and Selection

Nurse recruitment policy should be set against a background of the distribution of national man and woman power, and within the limits so determined, an even flow of suitable candidates to all the different training centres should be encouraged. It is thought that though intellectual ability is desirable in nursing candidates, more important still is a kind and cheerful disposition combined with a deep interest in the work. A psychological procedure of selection is advocated because it is economical in time, money and effort by reducing the chances of accepting candidates likely to be failures but whatever method of selection is fixed upon, it should be conducted by personnel selection officers. To test the selection procedure an experiment should be undertaken to compare the average stay of a group of patients in the charge of nurses who had been selected for training with the stay of patients in the care of nurses not so selected; modification in the selection procedure should then be initiated based on these results. The full value of a selection procedure will not become evident until the correct lines of training have been laid down and the necessary humanitarian reforms introduced into the life and work of hospital nurses.

Period of Training

Evidence from job analysis indicates that the present three year course of nurse training could succeed equally well in two years provided domestic duties and undue repetitive work were eliminated. It does not follow, however, that a two year course would be the ideal course. If a two year course is adopted it should be regarded as a provisional measure pending further enquiry.

Content of Training

This can only be determined by referring again to the function of a nurse—to reduce the incidence and duration of disease. New

analyses of nursing duties in hospitals need to be carried out in terms of patient needs as implied by the criterion of lengths of stay. The methods and content of training whether general or special should further be evaluated in the light of the effectiveness of the trained nurse. Allied with the question of training is the problem of assessing proficiency. All nursing examinations should be devised bearing in mind the end that nurse training is directed towards supplying the needs of the health service. Accordingly it is suggested that the Divisions of Nursing should be both the training and examining authority. The question of the future of the General Nursing Councils needs further consideration by a specially appointed body.

Working Conditions

Widespread inquiries have led to the conclusion that the disciplinary system is probably the chief cause of student wastage. Reference is made to the stiff and formal atmosphere, the "caste" system, the objections raised to married women, the difficulty of maintaining outside contacts and interests, the failure to secure a food supply adequate in quantity and quality, and it is once more urged that these complaints should be rectified and a generally more humane and co-operative spirit replace the stern hierarchical and segregated atmosphere of many training hospitals.

REPORT OF THE WORKING PARTY ON MIDWIVES

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Among outstanding points made in the report, and the working party's conclusions, are the following:

Conditions of Work and Future Requirements

Evidence shows that many midwives, particularly in the domiciliary service, are at present greatly overworked. During the next few years the aim should be to reach a lower case load for district midwives, to relieve as far as possible the pressure of work on midwives working in hospitals, and to extend the amount of hospital accommodation available. The district midwife working in an urban area should by 1953 have an average case load of 55 instead of 66.4 as in 1944. A decline in the number of births would assist in securing this reduction in the case load, but against this factor has to be set four factors exerting opposing influences:—(i) the age trend among midwives, which will mean more deaths and retirements in the future; (ii) the decrease in the number of women from whom recruits may be drawn; (iii) the wider and more varied demand for the services of young women; (iv) a higher marriage rate and generally lower age of marriage among women. A decline in the number of births will, therefore, not solve to any marked degree the problem of shortages in the midwifery profession. In order to achieve the aims of lower case loads, less overwork and better quality of care both in the homes and in

the hospital, the number of practising midwives must be increased by recruitment from hitherto untapped sources.

It is estimated that to secure the requisite desirable minimum of practising midwives the figure of midwives qualifying annually must be raised to about 2,100 as compared with the 1944-47 average of 1,790.

Shortage of midwives is due, *inter alia*, to nurses taking the midwifery qualifications without intending to practise; to the unsatisfactory nature of the present course of training; to the high rate of examination failure; and to lack of promotion prospects.

The Midwife's Place in the Health Team

The midwife should be the practitioner of normal midwifery, the expert in normal child-bearing in all its varied aspects. The doctor is her partner in the detection and treatment of abnormalities, the health visitor in public health and health education and in the rearing of the child whose immediate post-natal existence the midwife has seen firmly established.

The midwife is no mere "delivery woman" whose prime function is the skilful delivery of a live child. While that is the climax of her task, it started months before, early in pregnancy, and should, in the Working Party's view, continue for at least a month after delivery. This implies that the midwife will remain in attendance, visiting perhaps two or three times weekly during the difficult period when the newly delivered mother is finding her feet, getting about again, and coping with a small baby.

If the foregoing is to be the function of the midwife, she must be a professional woman of standing and her level of education and qualities of character must be high, and if the midwifery profession is to attract and hold the type of woman it requires, the midwife must be given such training and conditions of service as will enable her to become and remain a professional woman, as are the doctor, the teacher and the civil servant.

It is important that those actually working the National Health Service should have an opportunity of taking some part in shaping it, and it is therefore recommended that in each hospital region a Maternity Services Committee should be set up, to include obstetricians, general practitioners and midwives.

In a postscript to its Report the Working Party states that its attention has been "drawn to many complaints both from Medical Officers of Health and midwives that general practitioners giving maternity service under Part IV of the National Health Service Act are tending to take over the whole of ante-natal care as well as relegating midwives to the status of maternity nurses. In some cases midwives are not seeing patients until they go to deliver them. Furthermore, pupils are getting no opportunity to see ante-natal care."

"This is entirely contrary to the development of the maternity services as outlined to us by representatives of the Health Department and as envisaged by us. . . . We recognise that it is right that a general practitioner should accept his full responsibility for his patient but not that he should exclude his partner, the midwife, whose function is, we should have thought, well established and

clearly recognised. Moreover, as already stated . . . we are convinced that it is not possible for the present number of doctors to take over complete responsibility for all maternity work in addition to their other commitments, even if this were desirable. As we have said, however, we do not consider it in the patient's interest for either party to monopolise the case. They should work as a team.

"We hope that prompt administrative action will be taken to stop this new and unwelcome trend which could wreck the structure of the midwifery services."

Training

There should be a common basic training for nurses and midwives, followed—in the case of midwives—by a year's specialist training with a revised and improved curriculum. Basic training should include at least a four weeks' period in obstetrics. Except for certain special posts, there is no need for a midwife to be a State Registered Nurse, but until the new training can be adopted only State Registered Nurses should be trained as midwives. Existing holders of the S.C.M. qualification without a nursing qualification should be eligible for all midwifery appointments. Separate Schools of Midwifery, with finance and administration separate from the hospital system, should be set up. Pupil midwives should have student status and there should be obligatory refresher courses for all practising midwives.

Analgesia

The Working Party consider that the limited means of analgesia at the midwife's disposal place her at a distinct disadvantage in the face of the growing public demand for relatively painless childbirth and they urge that the Medical Research Council should be asked to set up a committee to find a more effective method of analgesia for use by midwives. "Without the addition of this weapon in her armamentarium, the midwife cannot play her proper part in the health team. Furthermore, until this problem is solved the swing away from domiciliary confinement will continue."

Pay, Promotion and Living Conditions

It is clear that midwives, both in domiciliary and institutional work are acutely dissatisfied with their pay, and in any general scaling up of medico-social salaries the midwife must share. Present living-out allowances can only be described as deterrents to living out, and if, as the Working Party think, it is desirable for some midwives to live out, the allowances will have to be more realistic.

Promotion prospects should be increased by ensuring that in institutions senior midwifery appointments are not absorbed by nursing personnel.

All maternity units of 50 or more beds should be in the charge of an independent matron; units of 30 to 49 beds, a superintendent midwife with rank of assistant matron; units of less than 30 beds, a departmental midwifery sister. The creation of a new rank of senior sister is recommended for those unwilling to give up contact with patients for advancement on the administrative side. Every local health authority should appoint as non-

medical supervisor of midwives a certified midwife.

A survey should be made of the distribution of midwives, and inducement payments made to attract them to under-staffed areas. The number of cases a midwife should deal with should be reduced by 1953 to 55 a year in urban areas. Below the rank of maternity ward sister, the "straight duty" system should be instituted for institutional midwives, while for domiciliary midwives off-duty times and adequate reliefs should be ensured by local grouping. Every domiciliary midwife ought to be provided with a car and given sufficient financial help to run it. Houses should be provided for established midwives and hostels for junior and pupil midwives. The holiday entitlement of midwives should be raised to five weeks a year, or alternatively they should be given a day in lieu of Bank Holidays.

Recruitment

In order to secure the necessary increase in recruitment to 2,100 newly qualified midwives each year by 1953, it will be necessary to look to schools other than only the secondary grammar school for recruitment. More guidance should be given to school leavers on the scope of midwifery as a career. Special steps must be taken to recruit older women from the 30-45 age group. In particular, consideration must be given to the use of special teaching methods adapted to the needs of such older women, and it may be desirable to set aside certain schools for them. A short course on inferior qualification is not, however, recommended. Not nearly enough use is at present being made of part-time workers, and they must be encouraged and suitable steps taken to secure their employment.

Administration

The proposal of the Nurses' Working Party that the General Nursing Councils for England and Wales and for Scotland should be amalgamated with the respective Central Midwives' Boards to form a single General Council for Nurses and Midwives of Great Britain is rejected. In the view of the Midwives' Working Party, the argument that the unity of the nursing and maternity professions is a desirable object cannot be accepted. While both may base their training on a common foundation, subsequent divergence is considerable in function, methods and principles. A single statutory body could not satisfactorily control both.

It is not considered either that there should be a fusion of the English and Scottish Central Midwives' Boards. With separate legislation, such unification is not thought desirable, and the economies likely to result would be negligible. The Working Party, however, recommends definite liaison arrangements between the two Central Midwives' Boards, and closer co-operation between the Boards and the General Nursing Councils by means of an informal Consultative Committee.

The Midwives' Working Party also disagrees with the Nurses' Working Party on the latter's proposal that an Advisor on Nursing Education should be appointed to the staff of the Chief Nursing Officer of the Ministry of

Health and the Department of Health for Scotland. The ground for this disagreement is the belief that professional education and standards are not the province of Government Departments, but of the professions themselves.

REPORT OF THE JOINT COMMITTEE ON HOSPITAL ACCOUNTS

Published by the Institute of Hospital Administrators, 13, Maze Pond, London, S.E.1. Price 8s. 6d. (Published June, 1948.)

The Joint Committee on Hospital Accounts comprising members of the Institute of Hospital Administrators, the Institute of Chartered Accountants in England and Wales and the Institute of Cost and Works Accountants, was set up in July, 1946, with the following terms of reference :

" To formulate proposals for a set of accounts that would be applicable to all classes of hospitals under the National Health Service Bill¹ and in doing so to give serious consideration to the need for close co-relation between any method of preparing accounts and the provision of general statistical data."

The report of the Committee was published in June, 1948.

The Committee made the following general recommendations :

The Committee has considered various methods for the preparation of hospital accounts and recommends that the most suitable is a General Income and Expenditure Account based upon simplified departmental or service costs, leading to a Balance Sheet showing at the end of each financial year a detailed statement of the assets and liabilities of the hospital.

A new principle in hospital accounts, which will be introduced as a result of the application of the National Health Service Act, 1946, is the linking of expenditure with the Budget of the Ministry of Health and of the National Exchequer.

The necessity of estimating expenditure for periods of a year (such estimates having to be made approximately six months before the beginning of the year in question) has been borne in mind when making the recommendations contained in this report, and the methods suggested are those which it is considered will give most easily, accurate figures and the maximum information necessary for the financial control of the service.

The form of presenting accounts together with supporting statistical tables in general use at the present time, showing "average cost of each in-patient per week" and "cost per out-patient attendance," is, in the Committee's view, lacking in detail, as it attempts to reduce all hospital maintenance expenditure to two units of cost, namely, cost per bed and cost per out-patient attendance, and does not give sufficient information to enable satisfactory comparisons to be made between costs of comparable institutions.

Examination of statistical tables prepared by representative hospitals disclosed that the variance in costs is generally accounted for by

such factors as (a) differing or additional ancillary and auxiliary services, (b) the arbitrary basis of allocating expenditure between in-patients and out-patients, (c) the difference in age and construction of buildings, e.g. pavilion or vertical unit, and (d) varied local conditions.

The General Income and Expenditure Account now recommended by the Committee obviates the differences caused by (a) and (b) in the above paragraph by disclosing the cost of each ancillary and auxiliary service, and by avoiding as far as possible the question of arbitrary apportionments. Where the nature of the expenditure is such that it can only be allocated to all departments on an arbitrary basis, it is shown as a separate service, e.g., Heating, Lighting and Water, and Laundry.

For the purpose of making detailed comparisons of costs of comparable departments (either contained within an institution or in several institutions) it is recommended that suitable units of costs be adopted. For example :—

Wards	Per In-Patient Day
Theatres	Per Operation
Diagnostic X-Rays	Per Attendance
Laboratory Services	Per Specimen

The Committee has divided the expenditure side of the General Income and Expenditure Account into three sections :—

(a) Direct Services :

Departments that are in direct contact with patients and which at the same time are common to most hospitals, i.e., the basic services.

(b) Indirect Services :

Departments that are not directly concerned with patients, but none the less are integral hospital services. (Provision has been made under this heading to meet the requirements of the large hospitals, although it is realised that some of the headings, e.g. Works Superintendent's Office, Training Schools, will not apply to every hospital.)

(c) Ancillary and Auxiliary Services :

Special departments or services that are not common to all hospitals.

Certain departments to be found in the large hospitals, and sometimes regarded as separate units, e.g. bakery, have not been shown as separate services in the General Income and Expenditure Account. The costs of these departments should be allocated to the other departments (including outside institutions for whom work might be performed) according to services rendered, as such expenditure is common to all hospitals, and hospitals without these internal services must purchase and allocate to the various departments at the "all in" contractor's price.

The Committee, aware of the difficulties experienced by small hospitals in the matters of accountancy, recommends that where the maintaining of records necessary to complete a fully detailed account would entail administrative difficulties, the condensed form of General Income and Expenditure Account could be used with the consent of the Ministry of Health. This, although giving essential information, amalgamates under each sub-heading like activities whilst at the same time disclosing the cost of expensive services.

¹ Now "National Health Service Act, 1946."

The Committee has grouped income under six main sections, as shown in the General Income and Expenditure Account, and in making this recommendation has interpreted Section 52(2) of the National Health Service Act, 1946, as meaning that the net revenue from any special activity shall be paid into the Exchequer; but if it is the intention of the Minister of Health that the cost of running the department or activity is to be included in the hospital's budget of expenditure and the gross revenue paid over to the Exchequer, then the gross revenue should be given in the General Income and Expenditure Account and the departmental expenditure shown under Auxiliary and Ancillary Services on the opposite side. Income and expenditure in connection with projects of an exceptional nature, the subject of separate grants by the Ministry of Health, *e.g.*, constructional work, special research, etc., or financed by trusts, legacies or donations for special hospital purposes or research should be accounted for separately and not brought into the General Income and Expenditure Account.

In addition to the above, a separate Income and Expenditure Account should be main-

tained for moneys received from the Hospital Endowments Fund, via the Minister of Health or the regional hospital board, or received direct from investments standing in the names of the board of governors or the hospital management committee. Donations given to the hospital, other than those given for special purposes, or specifically for the maintenance of the hospital, would also be dealt with in this account.

In making its recommendations the Committee has assumed that, with the possible exception of small units attached for administrative purposes to larger hospitals, each hospital will be responsible for maintaining its own financial records.

The General Recommendations are followed by detailed notes on the income and expenditure account, the balance sheet, the income and expenditure account of special funds, the supplementary accounts and the working statements, all of which are fully illustrated by specimen forms and figures. A further section of the Report deals with financial records and accounts, salaries and wages and staff records, statistical returns, and stores accounting.

Report of Joint Committee on HOSPITAL ACCOUNTS

The report of the Joint Committee on Hospital Accounts, set up by the Institute of Hospital Administrators in co-operation with the Institute of Chartered Accountants and the Institute of Cost and Works Accountants, with the object of making a complete examination of hospital accounting and of formulating a set of accounts which could be applied to all classes of hospitals in the National Health Service.

An outline of the contents of the report is given above, on pages 821 and 822 of the Year Book.

Obtainable from
The Institute of Hospital Administrators
13, Maze Pond, London, S.E.1

PRICE 8s. 6d. (post free)

THE INSTITUTE
OF HOSPITAL ADMINISTRATORS

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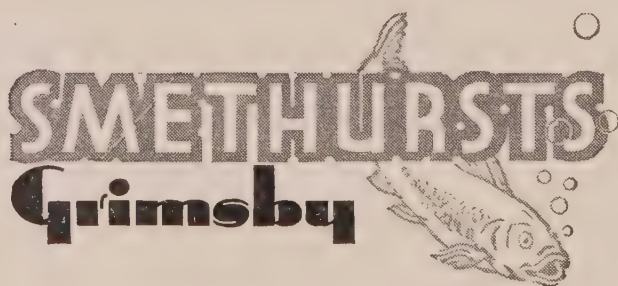
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The Institute of Hospital Administrators

THE Institute was founded in 1902 and incorporated in 1910 as the Incorporated Association of Hospital Officers. Until 1942 its membership was primarily confined to voluntary hospital officers but upon fusion in 1942 with the Incorporated Association of Clerks and Stewards of Mental Hospitals, which had been founded in 1904 and incorporated in 1932, membership was widened to embrace officers from all sections of the hospital service. At the same time the name of the association was changed to the Incorporated Association of Hospital Administrators. In 1945 the present title was adopted.

OBJECTS

The objects of the Institute are, *inter alia*, to promote the general welfare of those engaged in hospital administration; to provide for training and instruction in hospital administration, to conduct examinations and to grant certificates and diplomas to those professionally qualified, and to keep a register of such persons, and generally to improve the professional standards of hospital administrators; to publish papers on hospital administration, including a journal connected with the objects of the Institute, and to provide facilities for the reading of papers, the delivery of lectures, and the collection and dissemination of professional information; to co-operate with hospitals and associations and bodies having objects similar to those of the Institute, and to make such representations as may be thought fit in matters affecting hospitals or hospital administrators; to establish and support, or aid in the establishment and support of any charitable or benevolent associations or institutions in any way connected with the purposes of the Institute or calculated to further its objects.

CONSTITUTION AND ACTIVITIES

Council

The Institute's affairs are managed by a Council consisting of the President, Immediate Past President, Honorary Treasurer as *ex-officio* members, twelve ordinary members, of whom one-third retire annually and are directly elected by the general body of members, and one representative elected annually from each Region of the Institute in England and Wales and two representatives elected annually from the Scottish Division. All members of the Council must be Fellows or Associates.

Regions and Branches

For the purpose of furthering the objects of the Institute and facilitating the discussion of Institute business and professional matters generally, the Institute has fourteen regions in England and Wales, co-terminus with the areas for which regional hospital boards are constituted under the National Health Service Act, 1946, and a Scottish Division, covering the whole of Scotland.

All members of the Institute in Great Britain are entitled to be members of the Region or Division in which the hospital(s) at, or for the purposes of, which they are employed is situated. Each Region has a Regional Council consisting of the regional representative to the Institute Council as an *ex-officio* member, one member nominated by the Institute Council, and twelve other members (Fellows or Associates) elected annually from among and by the members of the Region. Similarly in Scotland there is a Scottish Divisional Council. Within certain regions, where geographical and other considerations have rendered it necessary, the Region has been sub-divided into two or more Branches, each of which has its own Branch Committee and officers.

In addition to members, registered students who have been granted certain privileges of membership (see "Registered Students—Privileges of Membership" below) are also attached to Regions and Branches in the same way as members.

Activities

To carry out the objects mentioned above the Institute, *inter alia* :—

- (i) holds conferences and other meetings from time to time in London and elsewhere at which papers on various aspects of hospital administration are read, and opportunities given for discussion and exchange of views on questions affecting hospital administration and those in the profession. In particular an annual conference is arranged which is usually held alternately in London and the provinces in April or May. Likewise for the same purpose conferences and other meetings are regularly arranged by the Institute Regions and Branches.
- (ii) through its Council considers all matters affecting hospital administrators, their responsibilities, duties, status and conditions of service, making representations when necessary and desirable. The Insti-

tute is a constituent member of the National Health Service Administrative and Clerical Staffs Whitley Council, on which it has three seats, and at the present time the Secretary of the Institute is Staff Side and Joint Secretary of the Council and also Staff Side and Joint Secretary of the National Health Service General Whitley Council.

- (iii) through its Education Committee maintains a Register of Students and holds examinations in hospital administration, successful candidates on completing a prescribed period of approved hospital administrative service being eligible for election as Associate members.
- (iv) holds an annual summer school in hospital administration and from time to time arranges weekend and other courses.
- (v) from time to time publishes reports on various aspects of hospital administration, and in particular publishes the monthly journal *The Hospital*, and *The Hospitals Year Book*.
- (vi) co-operates with government departments and other bodies and organisations on matters affecting hospital administration.

MEMBERSHIP

The Institute has three classes of membership: Fellowship, Associateship, and Ordinary Membership; but the last class of membership has been closed since 1942 and no further elections are made to it. Ordinary members are not eligible for election to membership of the Council or Regional Councils or Branch Committees:

Associateship

Election to Associateship is normally restricted to persons of the full age of 21 years who have passed the qualifying Associateship examination and have been in approved hospital administrative service for not less than five years.

Fellowship

Election to Fellowship is normally restricted to Associates (or persons eligible for election to Associateship) of the Institute who possess such further qualifications as are required by the Council, including at present a minimum of five years' service in an approved post as chief administrative officer.

Designatory Letters

Fellows and Associates are respectively entitled to use the designatory letters, F.H.A. and A.H.A., and to describe themselves as Incorporated Hospital Administrators.

Temporary Membership Regulations

As a special interim measure certain senior hospital administrative officers may be elected to

membership without examination under the temporary membership regulations. These regulations will remain in force until 31st March, 1950, and particulars may be obtained from the Secretary of the Institute.

Applications for Membership

All applications for election to membership must be made on the prescribed form (obtainable from the Secretary of the Institute) and must be supported by the signatures, as proposer and seconder, of two Fellows of the Institute for election to Fellowship, and of either Fellows or Associates for election to Associateship.

SUBSCRIPTIONS

Annual subscriptions are as follows:—

Fellows	..	..	£3.	3s.	0d.
Associates	..	..	£2.	2s.	0d.
Ordinary Members	..	..	£2.	2s.	0d.

The financial year of the Institute runs from October 1st—September 30th.

“THE HOSPITAL”

A copy of the monthly journal *The Hospital* is supplied gratis to members. *The Hospital*, incorporating *The Hospital Gazette*, first published in 1904, and the *Journal of the Incorporated Association of Clerks and Stewards of Mental Hospitals*, first published in 1913, is devoted primarily to matters of interest to hospital administrators. Regular features include authoritative articles dealing with hospital policy, planning, construction, and administration, including finance, equipment, maintenance, supplies, personnel management, and law, together with reviews of recent books and official publications, and news of hospital activities and developments in this and other countries. Reports of the work of regional hospital boards and such bodies as King Edward's Hospital Fund and the Nuffield Provincial Hospitals Trust are also regularly published, as is a monthly index of official circulars, and advertisements of vacant posts.

Although *The Hospital* is the official organ of the Institute, and as such publishes regular reports of Institute activities, it is the Institute's policy to encourage the free expression of ideas through the journal and to maintain it as a virtually independent as well as authoritative vehicle of opinion and information in the hospital field.

The Hospital may be obtained by non-members of the Institute from the publishers (at 13 Maze Pond, London, S.E.1) or through newsagents; single copies 2s. (post free 2s. 2d.); annual subscription 24s. (post free).

EXAMINATIONS

Responsibility for the organisation and conduct of the Institute's examinations and maintenance of the Register of Students is vested in the Education Committee of the Institute. This committee, in addition to Institute members, comprises representatives of the following authorities and organisations:—

- The Ministry of Health
- The Ministry of Pensions
- The Board of Control
- The Department of Health for Scotland
- The Regional Hospital Boards
- The Boards of Governors of Teaching Hospitals
- Hospital Management Committees and Boards of Management
- The Staff Side of the National Health Service Administrative and Clerical Staffs Whitley Council
- The Joint University Council for Social Studies.

Admission to the Examinations

Admission to the examinations—Intermediate and Final—is restricted to persons on the Institute's Register of Students or members registered for the examination under similar regulations as apply to the Register of Students.

Register of Students

Admission to the Register is restricted to persons who, having reached the age of 16 years, produce evidence of a satisfactory standard of general education in the form of one of the following examination certificates:—

1. A final degree examination of any University of the British Empire.
2. A diploma or intermediate degree examination of any University of the United Kingdom.
3. The Higher School Certificate examination of any University or joint University examination board of the United Kingdom.
4. The Matriculation examination of any University of the United Kingdom.
5. The School Certificate examination of any University or joint University examination board of the United Kingdom.
6. The Senior Leaving Certificate examination of the Scottish Education Department.
7. (a) The examination for the Senior Certificate of the College of Preceptors.
(b) The preliminary, intermediate or final examinations of the following examining bodies:—
 - (i) Association of Certified and Corporate Accountants.

- (ii) Chartered Institute of Secretaries.
- (iii) The Chartered Insurance Institute.
- (iv) The Institute of Chartered Accountants.
- (v) The National Association of Local Government Officers.
- (vi) The Society of Incorporated Accountants and Auditors.
- (vii) The Institute of Bankers.

Exemption from the production of a certificate of having passed one of the foregoing examinations may in special circumstances be made.

A fee of £1. 1s. is payable for registration.

Intermediate Examination

The Intermediate examination is divided into two parts, either of which may be taken first, or both may be taken together, and is open to all persons on the Register who have reached the age of 18 by the first day of the month in which the examination is held and who have been admitted to the Register not less than eight months previously.

The subjects of the examination are as follows:

PART I

1. Public Administration, Central and Local.
2. Elements of Economics.
3. Social Administration.

PART II

Three of the following :

4. Office Organisation and Method.
5. Elementary Commercial Law.
6. Book-keeping.
7. Statistics.

Exemption may be granted from subjects of the Intermediate examination to candidates who have passed a university or other public or professional examination approved for this purpose by the Education Committee.

Final Examination

The Final examination is divided into two parts, either of which may be taken first, or both may be taken together. It is open to all persons on the Register who, having attained the age of 21 years, have passed, or been exempted from, all subjects of the Intermediate examination, and at the time of the examination have completed not less than three years approved hospital administrative service.

The subjects of the examination are as follows:—

PART I

1. The Hospital and Health Services, Historical and General.
2. Hospital Administration.
3. General Law affecting Hospitals.

PART II

4. Hospital Finance, and two of the following :
5. Accountancy.
6. Principles of Hospital Planning, Construction and Equipment (including Maintenance).
7. Hospital Supplies and Catering.
8. Personnel Management.
9. Lunacy and Mental Treatment and Mental Deficiency Law.

No exemption is granted from any part of the Final examination.

A candidate who has passed the final examination may offer himself on a subsequent occasion for examination in additional Part II subjects.

Date of Examinations

Both Intermediate and Final examinations usually commence on the first Monday in June unless that day is Whit Monday, when they usually start a week later.

The examinations are held in London and such provincial centres as may be arranged.

Fees

The fee for the whole of either the Intermediate or of the Final examination is £5. 5s. or for either part separately, £2. 12s. 6d. When a candidate is allowed to present himself for re-

examination in a single subject the fee is £1. 11s. 6d. The fee for examination in supplementary Part II (Final) subjects is 10s. 6d. per subject.

Closing Date for Entries

The closing date for entry to any of the examinations is March 15th preceding the holding of the examination.

Examination Regulations and Syllabus

For full details concerning the examinations application should be made to the Director of Education of the Institute (at 13 Maze Pond, London, S.E.1) for copies of the examination regulations and syllabus.

REGISTERED STUDENTS—PRIVILEGES OF MEMBERSHIP

Registered Students who are in full-time hospital administrative service are eligible to be accorded all the privileges of membership of the Institute other than the right to speak and vote at business meetings, on payment of an annual subscription of £1. 1s. Privileges include attachment to regions and branches and receipt of *The Hospital*.

HOSPITAL ADMINISTRATORS BENEVOLENT FUND

(Incorporating the Hospital Officers Benevolent Fund, and the Incorporated Association of Clerks and Stewards of Mental Hospitals Benevolent Fund).

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Mr. A. H. Coughtrey, F.H.A.

Hon. Treasurer :

Mr. E. C. Ayling, F.H.A.
"Ferncot," Shrewsbury Road,
Redhill, Surrey.

The object of the Fund is to afford assistance to necessitous persons who, briefly, are

- (a) members of the Institute of Hospital Administrators,
- (b) former members of the Institute whose names have been retained on the Register of members up to within five years of their first application for assistance,
- (c) dependants of the above persons or of any deceased member of the Institute.

The management of the Fund consists of a Committee comprising the President of the Institute of Hospital Administrators, the

Chairman and the Vice-Chairman of the Council of the Institute, *ex officio*, a delegate from each Region of the Institute, an Hon. Treasurer and Hon. Secretary and six elected representatives of the voting contributors.

Annual Subscribers of not less than 5s. shall have one vote for every 5s. subscribed during the year in which a general meeting is held. Donors of not less than £5. 5s. in one payment shall have one vote for life for every £5. 5s. given.

The Committee commends the objects of the Fund and its work to all members of the Institute with the hope that all members support the Fund by an annual subscription.

The Institute of Hospital Administrators

LIST OF MEMBERS

(As at June 30th, 1949)

(F), (A) and (O) denote respectively Fellow, Associate, and Ordinary Member

A

ABBOTT, A. C., Secretary, Wimbledon Hospital London, S.W.20. (O.)

ABBOTT, C., Steward, Newstead Sanatorium, Nr. Mansfield, Notts. (A.)

ABBOTT, Mrs. L. H. (Retd.), Sutton House, Oliver Street, Birkenhead. (O.)

ABBOTT, W. St. G. (Comdr.), Administrative Officer, St. George's Hospital, London, S.W.1. (F.)

ABEL, C., Steward, Hillingdon County Hospital, Middlesex. (F.)

ABEL, E. G., Clerk and Steward, Hereford County and City Mental Hospital, Burghill, Hereford. (F.)

ABEL, W. E., Assistant Storekeeper, Hollymoor Mental Hospital, Northfield, Birmingham, 31. (O.)

ABLEWHITE, W. M., O.B.E., M.C. (Retd.), Winchelsea, Thursley Road, Elstead, Sussex. (F.)

ADAM, N. M., Secretary and Treasurer, Board of Management for Glasgow Western Hospitals, Western Infirmary of Glasgow, W.1. (F.)

ADAMS, A. C. (Retd.), "Newlands," The Close, Saltwood, Nr. Hythe, Kent. (F.)

ADAMS, C. J., Secretary, Gloucester, Stroud and Forest Group Hospital Management Committee, Gloucestershire Royal Infirmary, Gloucester. (F.)

ADSHEAD, Miss E., Almoner, Altrincham General Hospital, Altrincham. (O.)

AITKEN-SWAN, Miss J., A.I.M.A., Medico-Social Worker, The Walkden Clinic, Walkden, Lancs. (A.)

ALDERTON, R. W., Administrative Assistant, St. Peter's Hospital, Bedford. (A.)

ALDOUS, A. E., Assistant House Governor and Secretary, Coventry and Warwickshire Hospital, Coventry. (A.)

ALDRIDGE, E. H., Finance Officer, Lincoln No. 3 Hospital Management Committee, Harmston Hall, Lincoln. (F.)

ALDRIDGE, L. J. C., Supplies Officer, Worthing Hospital Management Committee, Worthing Hospital, Worthing, and Administrative Officer, Southlands Hospital, Shoreham, Sussex. (F.)

ALDRIDGE, M. O., Secretary, St. Edmund's Hospital, Northampton. (F.)

ALEXANDER, F. A., Secretary, Leicester Local Medical Committee. (A.)

ALEXANDER, W. F. G., Administrative Officer, Birch Hill Hospital, Rochdale, Lancs. (F.)

ALLAN, G. W., Clerk-Steward, County Isolation Hospital, Truro. (A.)

ALLAN, J. G., Administrative Staff, St. Nicholas' Hospital, Gosforth, Newcastle-on-Tyne. (O.)

ALLAN, T. H., Clerk and Steward, School Aycliffe Colony, Darlington. (F.)

ALLEN, A. P., Secretary, Peterborough and District Memorial Hospital Contributory Association. (O.)

ALLEN, A. R., Paddington Group Hospital Management Committee, 14/18, Newton Road, Westbourne Grove, London, W.2. (A.)

ALLEN, Miss L. M., S.R.N. Senior Home Sister, University College Hospital, London, W.C.1. (O.)

ALLEN, R., "Sunningdale," Wharton's Lane, Totton, Southampton. (*Honorary Member.*)

ALLETSON, Miss D., Senior Administrative Clerk, Victoria Hospital, Worksop, Notts. (A.)

ALLISON, R. H., First Assistant Clerk, Isle of Wight Mental Hospital, Whitecroft, Newport, Isle of Wight. (O.)

AMEY, A. D., Accountant, Charing Cross Hospital, London, W.C.2. (A.)

ANDERSON, A. R., Administrative Officer, East Surrey Hospital, Redhill, Surrey. (O.)

ANDERSON, F. C., Secretary, Finance Officer and Supplies Officer, Tooting Bec Hospital Management Committee, Tooting Bec Hospital, London, S.W.17. (A.)

ANDERSON, H. I. W., Chief Clerk, London Hospital, London, E.1. (F.)

ANDRESS, Miss I. P. I., Chief Administrative Officer, Queen Victoria Memorial Hospital, Herne Bay, Kent. (O.)

ANDREWS, C. H., Secretary, Plaistow Maternity Hospital and District Nurses' Home, London, E.13. (A.)

ANGEL, S. J., Clerk, The Mendip Hospital, Wells, Somerset. (O.)

APPLEBY, O., Chief Accountant, Birmingham United Hospital. (A.)

APPLETON, G. W., Assistant Steward, King George V Sanatorium, Godalming, Surrey. (A.)

ARGENT, H. G., Deputy Secretary and Deputy Finance Officer, Mid-Wales Mental Hospital Management Committee, Talgarth, Brecon. (A.)

ARKELL, Miss M. H., Book-keeper, Royal London Homœopathic Hospital, London, W.C.1. (O.)

ARNOLD, P. R. J., M.A., Secretary, Chester and District Hospital Management Committee, Chester. (A.)

ARNOT, J., Lay Superintendent, Southern General Hospital, Edinburgh. (F.)

ARTHUR, P. H., (Retd.), "Sambree," Broadway Corner, Northampton. (F.)

ASGILL, J. C., Accountant, St. Thomas's Hospital, London, S.E.1. (O.)

ASH, E., Administrative Staff, Worcestershire Mental Hospital, Bromsgrove. (O.)

ASH, H. P., Clerk and Steward, Park Hospital, Davyhulme, Lancs. (A.)

ASHWORTH, A., Secretary, Mansfield and District General Hospital Management Committee, Mansfield. (F.)

ASHWORTH, A. L., Audit Assistant, Stanley Royal Hospital, Wakefield, Yorks. (A.)

ASQUITH, W., Organising Secretary, Industrial Orthopædic Society, Northern Area Council, Sunderland. (O.)

ASSITER, D. J., Cashier, St. Mary's Hospital, Paddington, London, W.2. (O.)

ASTBURY, A. J. (Retd.), "Bradley," Bishops Nympton, South Molton, Devon. (F.)

ATHERTON, G. L., A.C.A., J.P., Secretary, Bridport Hospital, Dorset. (A.)

ATKIN, C. W., Assistant Clerk and Storekeeper, Rauceby Mental Hospital, Sleaford, Lincs. (O.)

ATKINS, R. H. B. (Retd.), "Rushford," Keymer Road, Hassocks, Sussex. (F.)

ATTRIDGE, R. J., Senior Dental Technician, Royal Victoria and West Hants. Hospital, Boscombe. (O.)

AUSTIN, A. S., Assistant Secretary and Finance Officer, Winford Orthopædic Hospital, Winford, Nr. Bristol. (A.)

AUTY, Miss E. E., Dispenser, Dewsbury and District General Infirmary. (O.)

AVES, S. E., Steward, Little Bromwich Hospital, Birmingham, 9. (F.)

AYLING, E. C., Assistant Secretary, Redhill Group Hospital Management Committee, Redhill County Hospital, Earlswood Common, Redhill, Surrey. (F.)

AYLWARD, J. W., Acting Chief Administrative Assistant, Ilkley and Otley Hospital Management Committee, Wharfedale Hospital, Menston, Nr. Leeds. (O.)

B

BACKHOUSE, W. R., Deputy Administrative Officer, Queen's Park Hospital, Blackburn. (A.)

BACON, F. W., Administrative Staff, Weston Colony, Weston, Leamington Spa. (O.)

BACON, L. H., Supplies Officer, Leicestershire Area No. 1 Hospital Management Committee, Leicester. (A.)

BADGER, H. N., Administrative Staff, Barming Heath Hospital, Maidstone, Kent. (A.)

BAGNALL, J. F., M.M., "Lerryn," Regent Street, Stotfold, Arlesey, Beds. (A.)

BAGSHAW, W., Supplies Officer, Derby Area No. 1 Hospital Management Committee, Derby. (A.)

BAGULEY, J. E., Assistant Secretary, North and Mid-Cheshire Hospital Management Committee, Altrincham General Hospital, Cheshire. (O.)

BAILEY, C. O., Superintendent Secretary, Royal Alexander Hospital, Rhyl, North Wales. (A.)

- BAILEY, H. C., A.I.M.T.A., Finance Officer, Plymouth, South Devon and East Cornwall, and Plymouth Special Hospital Management Committee, Plymouth. (A.)
- BAILEY, W. H., Assistant Steward, Dudley Road Hospital, Birmingham, 18. (A.)
- BAIN, L. G., F.C.I.S., Secretary, Orpington and Sevenoaks Hospital Management Committee, Orpington Hospital, Orpington, Kent. (A.)
- BAKER, G. L., "Inchgarvie," 91, Albert Avenue, Hull. (A.)
- BAKER, H. L. R., M.C., Secretary, Springfield Hospital, Tooting, London, S.W.17. (F.)
- BAKER, W., Finance Officer, Springfield and Tooting Group Hospital Management Committee, Springfield Hospital, Tooting, London, S.W.17. (A.)
- BALL, C., Secretary-Superintendent, Durham County Hospital, Durham. (A.)
- BALL, J. V., Assistant Steward, Little Bromwich Hospital, Birmingham, 9. (A.)
- BALL, N. A., Deputy Secretary, Newport and East Monmouth Hospital Management Committee, Newport, Monmouthshire. (F.)
- BALL, W. G., Master, St. Peter's Hospital, Bedford. (F.)
- BALL, W. J., Clerk to the Committee, Special Area Committee, for Cumberland and North Westmorland, Newcastle-upon-Tyne Regional Hospital Board, (N.) Carlisle. (F.)
- BALLANTINE, J., Secretary - Superintendent, St. Margaret's Hospital, Dunfermline, Fife. (A.)
- BALLARD, A. N., Clerk to the Board, Mid Staffs Joint Hospital Board, The Guildhall, Lichfield, Staffs. (F.)
- BALLARD, J. H. F., Administrative Assistant, North Middlesex Hospital, Silver Street, Edmonton, London, N.18. (A.)
- BAMFORD, D. St. John. (Retd.), "Green Pastures," Albion Lane, Herne Bay, Kent. (F.)
- BAMSEY, E. R. C., Records Officer, Scarborough Hospital. (O.)
- BANGHAM, Miss E. M., Secretary, Royal Victoria Hospital, Folkestone, Kent. (A.)
- BANHAM, W. J., Capt., Chief Administrative Officer, Dar es Salaam Hospitals Dar es Salaam, Tanganyika. (F.)
- BANISTER, A., Superintendent, Park Hospital, Wellingborough, Northants. (F.)
- BANNER, G. L., A.S.A.A., Secretary and Supplies Officer, Management Committee No. 10, Wakefield "B" Group, Wakefield, Yorks. (F.)
- BARBER, E., Secretary, High Wycombe Hospital Management Committee, High Wycombe and District War Memorial Hospital. (A.)
- BARBER, E. F., Secretary-Steward, Withington Hospital, and Supplies Officer, South Manchester Hospital Management Committee, West Didsbury, Manchester. (F.)
- BARHAM, A., Senior Administrative Assistant, Addenbrooke's Hospital, Cambridge. (A.)
- BARKER, A. M., Assistant Secretary, Charing Cross Hospital, London, W.C.2. (F.)
- BARKER, F. H., Clerk and Steward, South Ockendon Colony, South Ockendon, Essex. (F.)
- BARLOW, D. C., Superintendent, Holgate Hospital, Middlesbrough. (F.)
- BARNARD, A. G., Second Assistant Clerk, Fair Mile Hospital, Wallingford, Berks. (O.)
- BARNARD, L. H., Administrative Staff, Hellingley Hospital, Hellingly, Hailsham, Sussex. (O.)
- BARNARD, T. W., Captain, O.B.E., Secretary and Finance Officer, Sheffield No. 4 Hospital Management Committee; Secretary, Sheffield National Centre for Radiotherapy, "Broom Cross," Tree Root Walk, Sheffield, 10. (A.)
- BARNES, J. B., Assistant to Superintendent, Green Lane Institution and Hospital, Patricroft, Manchester. (A.)
- BARNES, S. W., House Governor and Secretary to the Board of Governors, King's College Hospital, Denmark Hill, London, S.E.5. (F.)
- BARNETT, F. W., Secretary, Oldham and District Hospital Management Committee, Oldham, Lancs. (F.)
- BARNETT, W., M.C., Clerk and Steward, De La Pole Hospital, Willerby, East Yorks. (F.)
- BARR, G. M., Hospital Organising Secretary, Manor House Hospital, London, N.W.11. (O.)
- BARR-HAMILTON, J. W., Secretary, St. Mary's Hospital, London, W.2. (A.)
- BARRE, W. J., Clerk and Steward, Kingsway Hospital, Derby. (F.)
- BARRETT, F. J., Steward, The City Hospital, Plymouth. (F.)
- BARRETT, J. G., Accountant, West Cornwall Hospital Management Committee, Truro, Cornwall. (A.)
- BARRINGTON, W. J., Clerk, Clerical Division, Park Prewett Hospital, Basingstoke. (O.)
- BARROW, H. G., Administrative Officer, West Dorset Hospital Management Committee, Dorset County Hospital, Dorchester, Dorset. (A.)
- BARRY, S. F., Secretary, Cardiff Hospital Management Committee, St. David's Hospital, Cardiff. (A.)
- BARTER, J., Senior Administrative Assistant to Finance Officer, Coldeast and Tatchbury Mount Group Hospital Management Committee, Totton, Southampton. (O.)
- BARTHOLOMEW, G. H., Administrative Staff, Hellingley Hospital, Hellingly, Hailsham. (O.)
- BARTRAM, Major A. G., Administrative Assistant, St. Lawrence's Hospital, Caterham, Surrey. (A.)
- BARTRAM, T. H., Assistant Secretary, Bournemouth and East Dorset Hospital Management Committee, Bournemouth, Hants. (F.)
- BATCHELOR, A. R., Assistant Secretary, North-East Regional Hospital Board, Aberdeen, Scotland. (A.)
- BATCHELOR, G. W., Secretary, Dewsbury, Batley and Mirfield Hospital Management Committee, Secretary-Superintendent, Dewsbury and District Royal Infirmary, Dewsbury. (A.)
- BATEMAN, J. L., Administrator, Children's Hospital, Halifax, Nova Scotia, Canada. (F.)
- BATES, E. T., Cashier, London Hospital, London, E.1. (O.)
- BATES, W. C., F.C.I.S. (Retd.), 51 Montpelier Road, Dunkirk, Nottingham. (F.)
- BATEY, T. W., Supplies Officer, Lincoln No. 3 Hospital Management Committee, Rauceby Hospital, Sleaford, Lincoln. (F.)
- BATT, A., Superintendent, The Dental Hospital, Leeds. (A.)
- BATTLE, P. L., A.C.I.S., Finance Officer, Northampton and District Hospital Management Committee, Northampton General Hospital. (A.)
- BAYLY, J. F., Assistant Secretary, St. Andrew's Hospital, Devon Road, Bow, London, E.3. (A.)
- BAYTHORP, W., Clerk and Steward, High Carley Sanatorium, Nr. Ulverston, Lancs. (A.)
- BEARD, Miss M., Secretary, Royal Eastern Counties Group Hospital Management Committee, Abbeygate House, Colchester. (A.)
- BEARD, R. E., Secretary, St. Mary's Hospital, Scarborough, Yorks. (A.)
- BEARD, W. V., Administrative Staff, Swansea General and Eye Hospital, Swansea. (O.)
- BEARDSALL, J. A., O.B.E., Secretary to the Board of Governors, United Cambridge Hospitals, Adenbrooke's Hospital, Cambridge. (F.)
- BEARDSMORE, Miss D., A.C.I.S., Senior Accounts Clerk, Shrewsbury Group Hospital Management Committee, Copthorne Hospital, Shrewsbury. (A.)
- BEARDWOOD, J., East Lancashire Workpeople's Hospital Fund, The Royal Infirmary, Blackburn. (O.)
- BEAUMONT, R. G. A., Administrative Officer, Killearn Hospital, Glasgow. (A.)
- BEAUMONT, T., Administrative Staff, Storthes Hall Hospital, Kirkburton, Nr. Huddersfield. (A.)
- BECK, H. E., Master, County Hospital, Ormskirk, Lancs. (A.)
- BECKWITH, G. W., F.C.I.S., Secretary, Darlington District Hospital Management Committee and Secretary-Superintendent, Darlington Memorial Hospital. (F.)
- BEDWELL, C. E. A., Chairman, Camberwell Hospital Management Committee, Dulwich Hospital, London, S.E.22. (Honorary Fellow.)
- BEECHING, R. L., Administrator and Secretary, St. Andrew's Hospital, Dollis Hill, London, N.W.2. (F.)
- BEEVERS, W. R., D.P.A. (Retd.), 8, Radcliffe Court, Manor Road, Bournemouth. (F.)
- BEGGS, H., Supplies Officer, Royal Infirmary, Preston, Lancs. (F.)
- BELBIN, T. J., D.P.A., Secretary, St. Bernard's Hospital Management Committee, St. Bernard's Hospital, Southall, Middlesex. (F.)
- BELFIELD, J. W., Superintendent, Eastry Hospital, Eastry, Nr. Sandwich, Kent. (A.)
- BELL, D. E., Secretary, Edmonton Group Hospital Management Committee, North Middlesex County Hospital, Edmonton, London, N.18. (F.)
- BELL, E. W., Supplies Officer, St. Luke's Hospital, Middlesbrough. (A.)
- BELL, I. E., A.S.A.A., Secretary, Lurgan and Portadown Hospital, Co. Armagh, Northern Ireland. (F.)
- BELL, R. W., Assistant Storekeeper, Knowle Mental Hospital, Fareham, Hants. (O.)
- BELSHAM, K., Steward, St. Charles' Hospital, and Accounts Officer, Sheffield Street Hospital, London, W.C.2. (F.)

- BENAZON, I., General and Administrative Secretary, Department of Medical Services, Lagos, Nigeria. (F.)
- BENGER, H. S., Steward, Bethnal Green Hospital, London, E.2. (F.)
- BENNETT, E. J., Assistant Steward, Southmead Hospital, Bristol. (A.)
- BENNETT, L., Secretary and Accountant, North of England Children's Sanatorium, Southport, Lancs. (O.)
- BENNION, E., Steward, City General Hospital, Chester. (F.)
- BERRY, E., Master and Steward, The Infirmary, Thorpe Road, Melton Mowbray, Leics. (F.)
- BERTRAM, L., Steward Superintendent, Fusehill Hospital, Carlisle. (A.)
- BESLEY, W. P., Storekeeper, St. Margaret's Hospital, Great Barr Park, Birmingham. (O.)
- BESSELL, B. R. C., Clerk and Steward, Wooley Sanatorium, Nr. Hexham, Northumberland. (A.)
- BESSELL, C. H., Secretary, Queen Elizabeth Group Hospital Management Committee, Queen Elizabeth Hospital, Hackney Road, London, E.2. (F.)
- BEST, E. W., Secretary and Supplies Officer, Ilkley and Otley Hospital Management Committee, Wharfedale Hospital, Menston. (F.)
- BEST, W. E., Steward, Barnsley Hall Hospital, Bromsgrove, Worcs. (F.)
- BETHELL, S. W., Deputy Secretary, Norwich, Lowestoft and Great Yarmouth Hospital Management Committee, Norfolk and Norwich Hospital, St. Stephen's Road, Norwich. (A.)
- BETTS, Miss P. M., Secretary to the Local Committee of the General Lying-in Hospital, York Road, Lambeth, London, S.E.1. (A.)
- BEVAN, L., Clerk and Steward, Hensol Castle Colony, Pontyclun, Glam. (F.)
- BEVAN, S., Master, Tawe Lodge Hospital, Swansea, Glam. (F.)
- BEYNON, E. E., Stores Clerk, North Wales Counties Mental Hospital, Denbigh. (O.)
- BIBBY, W. D., Administrative Staff, St. George's Hospital, Morpeth, Northumberland. (O.)
- BICKEL, J. M., Finance Officer, Bermondsey and Southwark Group Hospital Management Committee, London, S.E.14. (A.)
- BIDEN, E. A., General Superintendent and Secretary, Altrincham General Hospital, Altrincham, Cheshire. (F.)
- BIGNELL, L. A., Accountant, Manfield Orthopaedic Hospital, Northampton. (O.)
- BILLING, H. G., Administrative Officer, Wokingham Hospital, Wokingham, Berks. (A.)
- BINGLEY, L. J., Secretary, Finance and Supplies Officer, Norwich Mental (No. 8) Hospital Management Committee, Helledon Hospital, Norwich. (F.)
- BINNS, A. H., Assistant Secretary, Huddersfield Hospital Management Committee, Huddersfield Royal Infirmary. (A.)
- BINNS, T., Steward, City Hospital South, Nottingham. (A.)
- BIRD, R. N. M., Administrative Assistant, Botleys Park Hospital, Chertsey. (A.)
- BIRD, T., Acting Assistant Steward, Lambeth Hospital, Brook Drive, London, S.E.11. (A.)
- BISHOP, E. W. H., Clerical Officer, Farmfield Institution, Horley, Surrey. (A.)
- BISHOP, F. H., Supplies Officer, Swindon and District Hospital Management Committee, Swindon, Wilts. (A.)
- BISHOP, J. A., Secretary, St. Hilda's Hospital Whitby, Yorks. (A.)
- BISHOP, P. G. S., Supplies Officer, Seamen's Hospital Group Management Committee, Seamen's Hospital, Greenwich, London, S.E.10. (A.)
- BISHOP, T. R., Second Grade Clerk, Whittingham Hospital, Whittingham, Nr. Preston, Lancs. (O.)
- BISS, W. S. R. (Retd.), 12, Blenkarne Road, London, S.W.11. (F.)
- BISSON, E. K. C., Superintendent, St. Paul's Eye Hospital, Liverpool. (A.)
- BIXTER, W. E. (Retd.), "Rock Lea," 15, Old Lane, Eccleston Park, Prescott, Lancs. (F.)
- BLACK, R., M.M., House Steward, Victoria Infirmary, Glasgow. (A.)
- BLACK, W. M., Grade "A" Clerk, St. Nicholas Hospital, Gosforth, Newcastle-on-Tyne. (A.)
- BLAEN, I. K., Secretary, Finance and Supplies Officer, St. Lawrence's Hospital Management Committee, Caterham, Surrey. (A.)
- BLAIR, J. H., House Steward, Glasgow Royal Infirmary, Glasgow, C.4. (A.)
- BLAKE, J. F., Finance Officer, Lambeth Group Hospital Management Committee, Lambeth Hospital, Brook Drive, London, S.E.11. (A.)
- BLAKE, J. J., Deputy Supplies Officer, Colchester Group Hospital Management Committee, 14, Popes Lane, Colchester, Essex. (A.)
- BLAKE, S. H. J., Assistant Secretary and Finance Officer, Royal National Orthopaedic Hospital, 234, Great Portland Street, London, W.1. (A.)
- BLAND, W., Storekeeper, Winson Green Hospital, Birmingham. (A.)
- BLAXLEY, Miss D. M., Administrative Assistant, Northampton and District Hospital Management Committee, Northampton General Hospital. (A.)
- BLAZA, M. P., Superintendent, Northgate Lodge Hospital, Pontefract, Yorks. (F.)
- BLOOR, A. (Flight Lieutenant), Adjutant, R.A.F. General Hospital, B.A.F.O., c/o B.A.O.R. (1). (A.)
- BLUNDEN, J. H. W., Supplies Officer, Paddington Group Hospital Management Committee, Paddington Hospital, London, W.9. (F.)
- BLYTH, A. E. L., Assistant Steward, Central Middlesex County Hospital, Willesden, London, N.W.10. (A.)
- BLYTHE, H., Secretary, Liverpool and District Eastern Hospital Management Committee, Liverpool. (F.)
- BOGIE, C., Steward, Selly Oak Hospital, Birmingham, 29. (A.)
- BOLINGBROKE, W. A., Secretary, Abertillery and District Hospital, Mon. (O.)
- BOLTON, C. L., Secretary, Walsall Hospital Management Committee, and House Governor, Walsall General Hospital, Walsall. (A.)
- BOLTON, D. E., Assistant to Finance Officer, Camberwell Hospital Management Committee, Dulwich Hospital, S.E.22. (A.)
- BOLTON, F., Administrative Officer, Blackburn and East Lancashire Royal Infirmary, Blackburn. (A.)
- BOMPAS, R. M., A.C.I.S., Chief Administrative Officer, Heritage Craft Schools and Hospitals, Chailey, Sussex. (A.)
- BOND, H., B.A., Chief Administrative Assistant, Royal National Hospital for Rheumatic Diseases, Bath, Somerset. (A.)
- BONNER, A. J., Medical Superintendent's Clerk, Barming Heath Hospital, Maidstone, Kent. (O.)
- BONNER, A. O., Administrative Officer, Victoria Hospital for Sick Children, Park Street, Hull. (F.)
- BONNER, W. E., Senior Accountancy Assistant, Christie Hospital and Holt Radium Institute, Withington, Manchester, 20. (A.)
- BOOKER, K. C., Secretary, Newcastle No. 1 Hospital Management Committee, Newcastle-on-Tyne. (F.)
- BOOKER, Mrs. W. S. R., Assistant Almoner, Royal Berkshire Hospital, Reading. (A.)
- BOONE, M. H., Secretary, Chesterfield Hospital Management Committee, Chesterfield and North Derbyshire Royal Hospital. (F.)
- BOOT, H. L., Secretary, Warrington and District Hospital Management Committee, General Hospital, Warrington, Lancs. (F.)
- BOOTH, H. S. B., Secretary, Chelsea Group Hospital Management Committee, St. Luke's Hospital, S.W.3. (F.)
- BOOTH, Miss M., Administrative Staff, Beckett Hospital and Dispensary, Barnsley, Yorks. (O.)
- BOREHAM, A. P., Secretary, Finance and Supplies Officer, Group No. 9 Hospital Management Committee, Coleshill Hall, Coleshill, Birmingham. (F.)
- BOSIER, A. E., Storekeeper and Catering Officer, Napsbury Hospital, Nr. St. Albans, Herts. (O.)
- BOTT, W., Stores Clerk, St. Matthew's Hospital, Burntwood, Nr. Lichfield, Staffs. (O.)
- BOTTA, J., Deputy Supplies Officer, Northern Group of Hospitals, Royal Northern Hospital, London, N.7. (A.)
- BOULTON, J. A., Assistant Secretary, King Edward VII Sanatorium, Midhurst, Sussex. (A.)
- BOURNE, A. L., Secretary Superintendent, Beckett Hospital and Dispensary, Barnsley. (F.)
- BOURNE, L. G., Higher Clerical Officer, Hensol Castle Institution, Pontyclun, Glam. (O.)
- BOUTTELL, E. A. G., Assistant Clerk, St. Clement's Hospital, Ipswich. (O.)
- BOWCHER, J. H., M.R.I.P.H.H., A.R.San.I., Administrative Assistant (Supplies), Cardiff Mental Hospital Group, Whitchurch, Glam. (A.)
- BOWE, W. I., Superintendent, Royal Free Hospital, Gray's Inn Road, London, W. C. (F.)
- BOWES, A. D. S., Assistant Storekeeper, Cardiff City Mental Hospital, Whitchurch, Glam. (O.)
- BOWIE, W. E., Deputy House Steward, Crichton Royal Mental Hospital, Dumfries. (A.)
- BOWLEY, C. W., Assistant Secretary, Chester Royal Infirmary, Chester. (A.)
- BOWRING, W., D.P.A., Assistant Secretary, Leeds Regional Hospital Board, Leeds. (A.)
- BOWYER, W. E., 16, Kenilworth Road, Blundellsands, Liverpool. (Honorary Member.)

- BOYCE, H., Finance Officer, Burton-on-Trent Hospital Group, General Infirmary, Burton-on-Trent. (A.)
- BOYLE, P., Superintendent, Sundridge Hospital, Sundridge, Nr. Sevenoaks, Kent. (A.)
- BRADGATE, C., Steward, Grove Park Hospital, Lee, London, S.E.12. (F.)
- BRADLEY, A., F.I.M.T.A., Finance Officer, Stapleton; Hortham-Brenty and Bristol Mental Hospital Management Committees, Bristol. (A.)
- BRADLEY, R., Secretary, Sheffield No. 2 Hospital Management Committee, Middlewood Hospital, Sheffield, 6. (F.)
- BRADY, E. J., Steward, Pinewood Sanatorium, Wokingham, Berks. (F.)
- BRADY, J., Administrative Assistant, Rainhill Hospital, Nr. Liverpool, Lancashire. (A.)
- BRAITHWAITE, E. G., M.A., LL.B., Secretary, South-West Metropolitan Regional Hospital Board, London, W.1. (F.)
- BRAMICH, C. H., Secretary/Accountant, European Hospital, Nairobi, Kenya Colony. (O.)
- BRANN, T. A., Administrative Assistant to Supplies Officer, Tunbridge Wells Group Hospital Management Committee, Sherwood Park, Pembury Road, Tunbridge Wells, Kent. (A.)
- BRASSINGTON, E. G., Steward, Hampstead General Hospital, London, N.W.3. (A.)
- BRATHERTON, C., Senior Administrative Assistant to the Secretary, North Liverpool Hospital Management Committee, Liverpool. (A.)
- BRATT, G. G., Assistant Secretary, The London Chest Hospital, Victoria Park, London, E.2. (A.)
- BRAY, P. S., Assistant Clerk, Brentry Colony, Westbury-on-Trym, Bristol. (O.)
- BREBNER, N. J., F.C.A., A.S.A.A., Secretary, Queen Alexandra Hospital, Cosham, Hants. (A.)
- BRETT, L. W., A.C.I.S., Secretary Steward and Deputy Treasurer, Camberwell House, London, S.E.5. (F.)
- BRIANT, Miss A. E., Almoner and Assistant Secretary, Erith and District Hospital, Erith, Kent. (O.)
- BRICE, C. E., Senior Clerk, Stroud General Hospital, Stroud, Glos. (O.)
- BRISCOE, A. E., 30, Kermore Avenue, Astley Bridge, Bolton, Lancs. (Honorary Member.)
- BRISCOE, J. N. A., Superintendent and Secretary, Southport General Infirmary, Southport. (F.)
- BRISTOW, G. J., F.C.I.S., Finance Officer, Parkside Hospital, Macclesfield, Cheshire. (F.)
- BRITTAIN, L., Secretary, Cleveland Hospital Management Committee, Middlesbrough. (A.)
- BRITTIN, E. K., Assistant Supplies Officer, Cranage Hall Hospital, Holmes' Chapel, Cheshire. (A.)
- BROADBRIDGE, E. W., Assistant Clerk, Springfield Mental Hospital, London, S.W.17. (O.)
- BRODIE, J. A., Deputy Finance Officer, Hospital for Sick Children, Great Ormond Street, W.C.1. (F.)
- BRODIE, J. D., Assistant Secretary, Victoria Infirmary of Glasgow. (F.)
- BRODIE, K., A.R.San.I., Deputy Lay Administrator, Graylingwell Hospital, Chichester, Sussex. (A.)
- BRODIE, W. J., Clerk and Steward, Glasgow Royal Mental Hospital, Glasgow. (F.)
- BROOK, R., Clerk-Steward, Broomfield Hospital, Nr. Chelmsford, Essex. (A.)
- BROOKS, D., Administrative Assistant, The United Sheffield Hospitals Central Office, The Royal Hospital, Sheffield, 1. (A.)
- BROOM, K. R., Grade "A" Clerk, Severalls Hospital, Colchester, Essex. (O.)
- BROOM, S. A., Administrative Assistant, Brentwood Mental Hospital, Brentwood, Essex. (O.)
- BROOMAN, A. C., Assistant Secretary, Basingstoke Hospital House Committee, Basingstoke, Hants. (A.)
- BROOMHALL, G., Steward, Broadgreen Hospital, Liverpool, 14. (F.)
- BROWN, B. A., Second Assistant Clerk, Long Grove Hospital, Epsom, Surrey. (A.)
- BROWN, D. G., D.P.A., Finance Officer, Highcroft Hall No. 7 Group Management Committee, Erdington, Birmingham, 23. (A.)
- BROWN, J., Secretary, Isle of Thanet Hospital Management Committee, Haine Hospital, Ramsgate. (F.)
- BROWN, J. S., House Steward, Baldovan Hospital for Children, Dundee. (A.)
- BROWN, L., Lay Administrator, St. Matthew's Hospital, Burntwood, Nr. Lichfield, Staffs. (A.)
- BROWN, N., Senior Administrative Assistant, Doncaster Hospital Management Committee, Doncaster Royal Infirmary, Doncaster, Yorks. (F.)
- BROWN, T. J., Administrative Officer, Atherleigh Hospital, Leigh, Lancs. (A.)
- BROWN, W. G., Finance Officer, Royal Earlswood Hospital Management Committee, Redhill, Surrey. (A.)
- BROWN, W. G., Second Assistant Clerk, Banstead Hospital, Sutton, Surrey. (A.)
- BROWNING, Miss G. A., Administrative Assistant, Northern Group Hospital Management Committee, London, N.7. (O.)
- BROWNLEE, J., Secretary, Royal Infirmary, Dumfries. (F.)
- BROWNLESS, G., A.C.I.S., Finance Officer, Leicester No. 3 Hospital Management Committee, Towers Hospital, Leicester. (A.)
- BRUCE, A., Finance Officer, Stratheden Hospital, Cupar, Fife. (O.)
- BRUCE, Miss M. A., Secretary, Finchley Memorial Hospital, Granville Road, Finchley, London, N.12. (O.)
- BRUMPTON, C. S., Administrator, Westwood Park Hospital, Oldham, Lancs. (F.)
- BRUNSKILL, Mrs. E., Secretary Almoner, Bushey and District Hospital, Herts. (O.)
- BRUNT, A. S. (Retd.), "Churchside," Ashford, Bakewell, Derbyshire. (F.)
- BRUSBY, F. A. R., A.C.I.S., Finance Officer, Pontefract, Castleford and District Hospital Management Committee, Pontefract General Infirmary, Southgate, Pontefract, Yorks. (A.)
- BRYANT, E. N., Administrative Assistant, Darenth Park Hospital, Dartford. (A.)
- BUCK, C. E., Purchasing Officer, Royal Berkshire Hospital, Reading. (A.)
- BUCKELL, D. G. R., Stores Clerk, East Anglian Regional Hospital Board, Group 9, Heckingham Certified Institution, Hales, Norwich. (O.)
- BUCKLEY, W., Administrative Assistant, Highcroft Hall, Erdington, Birmingham, 23. (A.)
- BUCKLEY, W. H., Administrative Staff, Queen Elizabeth Hospital, Birmingham. (A.)
- BUCKLEY, W. K., V.D., F.C.I.S., F.L.A.A., Superintendent Secretary, The Cripples Help Society, Manchester, 2. (A.)
- BUFFHAM, A. H., T.D., Secretary, Birmingham (Mental B) Group Hospital Management Committee, Rubery Hill, Birmingham. (F.)
- BUFFERY, Miss M., Administrative Assistant, Grimsby General Hospital, Grimsby. (O.)
- BULLIMORE, C. H., Secretary and Supplies Officer, Stoke Park Colony Group Hospital Management Committee, Clevedon, Somerset. (F.)
- BULTEEL, J. P., Assistant to Secretary, German Hospital, Dalston, London, E.8. (O.)
- BUNN, S. A. C., Secretary-Steward, Langho Colony, Nr. Blackburn. (A.)
- BUNTING, G. R., Chief Lay Administrator, City Hospital, Nottingham. (A.)
- BUNTING, Miss M. K., Assistant Accountant, Elizabeth Garrett Anderson Hospital, London, N.W.1. (A.)
- BURCH, W. J., Senior Clerk, St. Audry's Hospital, Melton, Suffolk. (O.)
- BURDETT, Colonel J. C., D.S.O., Secretary, Tottenham Group Hospital Management Committee, Prince of Wales' General Hospital, Tottenham, London, N.15. (F.)
- BURDETT, J. W., Finance Officer, Worksop and Retford Hospital Management Committee, Kilton Hospital, Worksop, Notts. (A.)
- BURGE, G. A., Secretary, Porth and District Hospital, Porth, Glam. (A.)
- BURGESS, R. F., Deputy Administrative Officer, Dorking County Hospital, Horsham Road, Dorking, Surrey. (A.)
- BURLEIGH, H. W., Connaught Club, 75, Seymour Street, London, W.2. (Honorary Member.)
- BURLEY, Miss C. (Retd.), 1, Victoria Road, Waterloo, Liverpool. (F.)
- BURR, C. H., A.C.A., Finance Office, No. 4 Chelsea Group Hospital Management Committee, St. Luke's Hospital, Chelsea, London, S.W.3. (A.)
- BURRELL, C. G., Secretary, Stepney Group Hospital Management Committee, London, E.1. (F.)
- BURROUGH, E. J. R., B.A. (Oxon.), Deputy Administrator, United Oxford Hospitals, The Radcliffe Infirmary, Oxford. (A.)
- BURROW, J. H., Supplies Officer, Wakefield Group Hospital Management Committee, Clayton Hospital, Wakefield, Yorks. (F.)
- BURROWS, J., Assistant Secretary, York "A" and Tadcaster Hospital Management Committee, York. (A.)
- BURROWS, L. J., Deputy Finance Officer, Camberwell Hospital Management Committee, Dulwich Hospital, London, S.E.22. (A.)
- BURT, D. J., Chief Clerk, Llandough Hospital, Nr. Penarth. (A.)
- BURTON, A., A.C.I.S., Assistant Secretary, Birkenhead Hospital Management Committee, General Hospital, Birkenhead. (A.)
- BURTON, G. R., Accountancy Assistant, Ipswich Group Hospital Management Committee, Ipswich. (A.)

- BURTON, J. A., Grade "B" Clerk, St. Andrew's Hospital, Thorpe, Norwich. (A.)
- BUSFIELD, W., Clerk and Steward, Lea Colony, Bromsgrove, Worcs. (A.)
- BUSH, C. L., Hospital Clerk, Leavesden Hospital, Abbots Langley, Herts. (A.)
- BUSH, J. B., Assistant Supplies Officer, Ipswich and East Suffolk Group Hospital Management Committee, East Suffolk and Ipswich Hospital, Ipswich. (O.)
- BUSSEY, A. J., Financial Secretary, Norwich Hospitals Contributors Association, 38, St. Giles Street, Norwich. (O.)
- BUTCHER, W. M., Assistant Secretary, St. Stephen's Hospital, 369, Fulham Road, London, S.W.10. (A.)
- BUTT, J. B., Chief Cashier, Preston Hall, Aylesford, Maidstone, Kent. (A.)
- BUTTERFIELD, W. D., Administrative Assistant, Manchester Regional Hospital Board, Manchester, 3. (A.)
- BUTTON, R. E. S., Storekeeper, Brookwood Hospital, Knaphill, Surrey. (O.)
- BYRNE, A., Storekeeper, The Roundway Hospital, Devizes, Wilts. (F.)
- BYRNE, Miss J. V., Virus Research Institute, Lagos, Nigeria. (A.)
- BYRON, H. A., Assistant Secretary, The Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Salop. (A.)

C

- CABLE, F. J., Secretary to Board of Governors, United Manchester Hospitals, Manchester Royal Infirmary. (F.)
- CAIRNCROSS, J. B., C.A., House Governor and Secretary, Hospital for Sick Children, Newcastle-upon-Tyne, 2. (A.)
- CALLENDER, T. L., Major, Secretary and Treasurer Board of Management for Lennox Castle and Associated Institutions, Gartcosh, Glasgow. (F.)
- CALVERLEY, R., A.C.I.S., A.L.A.A., Accountant, The Royal Albert Hospital, Lancaster. (A.)
- CALVERT, N., Stores Clerk, Stanley Royd Hospital, Wakefield, Yorks. (O.)
- CAMBRIDGE, S. V., Steward, St. George's Hospital, London, S.W.1. (A.)
- CAMERON, J. M., Interim Treasurer, Royal Northern Infirmary, Inverness. (A.)
- CAMP, E. A., A.C.I.S., Finance Officer, Southend Hospital Management Committee, Southend. (A.)
- CAMP, H. E. G., Administrative Officer, Dorking County Hospital (General), Horsham Road, Dorking. (F.)
- CAMPBELL, A., Steward, Crichton Royal Mental Hospital, Dumfries. (F.)
- CAMPBELL, D. F., Administrative Assistant, Harefield Hospital, Harefield, Middlesex. (A.)
- CAMPBELL, J., Secretary and Treasurer, Board of Management for Dunbartonshire Hospitals, Dunbar, Dumbarton. (F.)
- CANE, S. W., Secretary, Lord Mayor Treloar Orthopaedic Hospital Management Committee, Lord Mayor Treloar Orthopaedic Hospital, Alton, Hants. (F.)
- CAPLETON, F. H., Steward's Clerk, Hospital for Consumption and Diseases of the Chest, Brompton, London, S.W.3. (O.)
- CARDNELL, S. C., Acting Supplies Officer, Leavesden Hospital, Abbots Langley, Herts. (A.)
- CARLESS, R. J., Secretary, Hull "A" Group Hospital Management Committee, and House Governor, Hull Royal Infirmary. (F.)
- CARLING, Miss I. V. G., Head Almoner, Royal Victoria and West Hants Hospital, Bournemouth. (A.)
- CARLISLE, T., A.I.M.T.A., Finance Officer, Storthes Hall Group Hospital Management Committee, Kirkburton, Nr. Huddersfield. (A.)
- CARLISLE, T. A. W., Secretary, Winsley Sanatorium, Nr. Bath. (A.)
- CARMAN, L. B., Deputy Clerk and Steward, Knowle Mental Hospital, Fareham, Hants. (A.)
- CARPENTER, W. R., F.C.I.S., A.R.San.I., Secretary, Finance and Supplies Officer, St. James' Hospital, Portsmouth. (F.)
- CARR, D. J., Senior Administrative Officer, Mill Lane Hospital, Wallasey, Cheshire. (A.)
- CARR, F. J., Senior Administrative Assistant, The Towers Hospital, Humberstone, Leicester. (A.)
- CARR, W., Second Grade Clerk, Winterton Mental Hospital, Winterton, Durham. (O.)
- CARROLL, F. P. (Retd.), 50, Belmont Avenue, New Malden, Surrey. (F.)
- CARROLL, G. B. R., Assistant Secretary, Ingham Infirmary, South Shields. (A.)
- CARTER, A. G., Deputy Finance and Supplies Officer, Herrison Hospital, Dorchester, Dorset. (A.)
- CARTER, B. R., Finance Officer and Deputy Secretary, North Wirral Hospital Management Committee, Leasowe Children's Hospital, Leasowe, Morceton, Wirral, Cheshire. (F.)
- CARTER, F., Administrative Assistant, Queen Mary's Hospital for Children, Carshalton, Surrey. (F.)
- CARTER, M. O., C.I.E., M.C., Secretary, South-Western Regional Hospital Board, Bristol, 6. (F.)
- CARTER, S. L., Administrative Staff, Winson Green Hospital, Birmingham. (A.)
- CASE, W. S. (Retd.), 615, Wakefield Road, Waterloo, Huddersfield, Yorks. (F.)
- CASH, A. R., General Superintendent and Secretary, Prince of Wales' Hospital, Plymouth. (F.)
- CATCHESIDE, G. J., Clerk (Third Assistant), Knowle Mental Hospital, Fareham, Hants. (O.)
- CATHERALL, G., Steward, Upton Hospital, Upton, Chester. (A.)
- CATTERALL, J., Secretary, Leybourne Grange Group Hospital Management Committee, Leybourne Grange Colony, West Malling, Kent. (F.)
- CATTO, A. G., Clerk and Steward, The Argyll and Lute District Mental Hospital, Lochgilphead, Argyll. (F.)
- CHADDOCK, L. A., F.C.I.S., Clerk to the Hospital, Shelton Hospital, Shrewsbury. (F.)
- CHADWICK, T. W., Assistant Clerk, Parkside Hospital, Macclesfield, Cheshire. (A.)
- CHALLICE, Mrs. E., Assistant Secretary, Birmingham United Hospitals, Queen Elizabeth Hospital, Birmingham. (A.)
- CHAMBERS, F., Secretary, Central Group Hospital Management Committee, Metropolitan Hospital, Kingsland Road, London, E.8. (A.)
- CHANDLER, A. E., A.R.San.I., M.R.I.P.H.H., Administrative Assistant, Lambeth Hospital, Brook Drive, London, S.E.11. (A.)
- CHAPLIN, G., Secretary, South Liverpool Hospital Management Committee, Smithdown Road Hospital, Liverpool, 15. (F.)
- CHAPMAN, C. E., J.P., Supplies Officer, Medway and Gravesend Hospital Management Committee, Administrative Officer, Gravesend and North Kent Hospital. (F.)
- CHAPMAN, G. H., Secretary, Cane Hill Hospital Management Committee, Coulsdon, Surrey. (F.)
- CHAPMAN, L. V. G., Cmdr. R.N. (Retd.), Secretary and House Governor, National Temperance Hospital, London, N.W.1. (A.)
- CHARLTON, Miss M. I., Patients Service Officer, Paddington Group Hospital Management Committee, London, W. (A.)
- CHARLTON, S., Administrative Assistant, St. George's Hospital, Morpeth, Northumberland. (F.)
- CHARMAN, B. D., Assistant Clerk, Hellingly Hospital, Hailsham. (O.)
- CHEESEMAN, J. T. S., Steward, St. Mary's Hospital, London, W.2. (A.)
- CHEESEMAN, S. M., Grade "A" Clerk, Prudhoe and Monkton Hospital, Prudhoe Hall, Prudhoe on Tyne, Northumberland. (O.)
- CHERRY, J. W., Assistant Secretary and Clerk and Steward, Stretton Hall, Oadby, Leicester. (A.)
- CHILD, A., Hospital Secretary, Ministry of Pensions Hospital, Chapel Allerton, Leeds, 7. (A.)
- CHILVERS, G. H., Finance Officer, Stepney Group Hospital Management Committee, St. George in the East Hospital, London, E.1. (A.)
- CHISLETT, J. P. K., Secretary, Exeter Special Hospital Management Committee, Exeter. (F.)
- CHISSELL, R. W., Assistant Master, St. Martin's Hospital, Bath, Somerset. (A.)
- CHOATE, Miss M. N., Assistant Secretary, Manchester Ear Hospital, Manchester, 15. (O.)
- CHORLEY, W. J., Secretary and Senior Administrative Officer, Bridgwater, Minehead and Butleigh Hospital Management Committee, Bridgwater. (A.)
- CHRISTIE, G. J. L., Acting Master, Birmingham Infirmary, Western Road, Birmingham, 18. (A.)
- CHUBB, B. H., Secretary and Supplies Officer, Durham Hospital Management Committee, Dryburn Hospital, Durham. (A.)
- CHURCH, S. G., Deputy Clerk and Steward, Rauced Mental Hospital, Sleaford, Lincs. (A.)
- CHURCHFIELD, J. M. (Retd.), "Strathern," Beechwood Avenue, Oakland Park, Barnstaple, North Devon. (Honorary Fellow.)
- CHURCHILL, K. G., Secretary, Finance Officer and Supplies Officer, Cherry Knowle Hospital Management Committee, Ryhope, Nr. Sunderland. (A.)
- CLABER, L., Supplies Officer, Chester and District Hospital Management Committee, City Hospital, Chester. (A.)

- CLAPHAM, T. (Retd.), "Dilkhusa," Fowey, Cornwall. (F.)
- CLARK, A. J., Storekeeper, Littlemore Hospital, Littlemore, Oxford. (O.)
- CLARK, C. G. A., Administrative Staff, St. Bartholomew's Hospital, London, E.C.1. (O.)
- CLARK, E. G., Grade VI Clerk, Littlemore Hospital, Littlemore, Nr. Oxford. (F.)
- CLARK, H. E., Accountancy Assistant, Fountain Hospital, Tooting, London, S.W.17. (A.)
- CLARK, H. H., F.R.I.B.A., Victoria House, Queen Victoria Street, Reading, Berks. (Honorary Member.)
- CLARK, R. M., Assistant Secretary, West London Hospital, Hammersmith, London, W.6. (O.)
- CLARK, R. W., Assistant Secretary, Bolton Royal Infirmary, Bolton, Lancs. (A.)
- CLARK, S. (Retd.), "Trefayne," Stuart Road, Quinton, Birmingham. (A.)
- CLARK, V. H., Assistant Catering Officer, Westminster Hospital, London, S.W.1. (A.)
- CLARK, W. L., Administrative Staff, Napsbury Hospital, Nr. St. Albans. (O.)
- CLARKE, Miss B. M., Assistant Secretary, Lincoln County Hospital. (A.)
- CLARKE, H. C., A.C.A., Secretary, Finance Officer and Supplies Officer, Barrowmore Sanatorium Management Committee, Barrowmore Sanatorium, Gt. Barrow, Nr. Chester. (F.)
- CLARKE, L. (Retd.), 7, Worple Road, Epsom, Surrey. (F.)
- CLARKE, P., Chief Clerk, Royal Hospital, Richmond, Surrey. (O.)
- CLAYTON, W. H., Assistant Clerk, The Pastures Hospital, Mickleover, Derby. (A.)
- CLEGG, Mrs. E. M., The Canadian Red Cross Memorial Hospital, Taplow, Maidenhead, Berks. (O.)
- CLEMO, W. N., Controller of Stores and Assistant Secretary, Ministry of Pensions Hospital, Rookwood, Llandaff, Cardiff. (A.)
- CLEVERLEY, W. A., Supplies Officer, Chelsea Group Hospital Management Committee, St. Luke's Hospital, Chelsea. (F.)
- CLIFFORD, S. C. A., A.C.W.A., Finance Officer, Banbury and District Hospital Management Committee, Banbury. (A.)
- CLOAKE, F. W., Hospital Supplies Officer, Stoke-on-Trent Hospital Management Committee, Royal Infirmary, Stoke-on-Trent. (F.)
- CLOUSTON, H., Hartlepool Hospital, Friar Street, Hartlepool. (A.)
- CLOUT, L. G., F.C.I.S., Clerk and Steward, Cefn Coed Hospital, Swansea. (F.)
- CLOW, W. W., Storekeeper, Lennox Castle Institution, Lennoxtown, Glasgow. (O.)
- COATES, H. B., M.B.E., Secretary, Grimsby Hospital Management Committee, Grimsby. (F.)
- COATES, J. H., "The Chimes," 19, Colville Road, Boscombe, Hants. (F.)
- COBB, S. J., Accountant, London Hospital, London, E.1. (F.)
- COBBOLD, A. M., Clerk and Steward, Secretary and Finance Officer, Severalls Mental Group Hospital Management Committee, Severalls Hospital, Colchester. (F.)
- COBBOLD, Lt.-Col. C. J. F., M.A.(Cantab.) (Retd.), "The Nant," Sun Bank, Llangollen, North Wales. (F.)
- COCKBURN, Capt. W., D.S.O., M.C., Secretary, Wolverhampton Hospital Management Committee, and House Governor, The Royal Hospital, Wolverhampton. (F.)
- COLE, A. J., Secretary, Epping Group Hospital Management Committee, St. Margaret's Hospital, Epping, Essex. (A.)
- COLE, J. R., D.P.A., Clerk and Steward, Ware Sanatorium Ware Park, Ware, Herts. (A.)
- COLEMAN, D. W., Administrative Assistant, West Kent General Hospital, Maidstone. (O.)
- COLEMAN, G., A.S.A.A., Finance Officer, Ilkley and Otley Hospital Management Committee, Menston, nr. Leeds. (A.)
- COLEMAN, W. M. J., Clerk of the Hospital, Worcs. Mental Hospital, Barnsley Hall, Bromsgrove, Worcs. (F.)
- COLLARD, W. H., Hospital Secretary, Ministry of Pensions Hospital, Rookwood, Llandaff, Cardiff. (A.)
- COLLIER, J., Assistant Secretary, South West Durham Hospital Management Committee, General Hospital, Bishop Auckland, co. Durham. (A.)
- COLLIN, C. T., Administrative Assistant, Winterton Mental Hospital, Sedgfield, Winterton, Stockton-on-Tees. (A.)
- COLLINGE, V. H., A.C.A., Secretary, Liverpool Regional Hospital Board, Liverpool. (F.)
- COLLINS, A. E., Secretary, General Infirmary, Stafford. (F.)
- COLLINS, A. T., Principal Assistant to Finance Officer Dartford Hospital Management Committee, Dartford, Kent. (A.)
- COLLINS, E. A., Secretary, Liverpool and District Fazakerley Group of Hospitals Management Committee, Fazakerly Sanatorium, Liverpool, 9. (F.)
- COLLINS, F. J. (Retd.), "Leasdale," Hatlex Hill, Hest Bank, Nr. Lancaster. (F.)
- COLLINS, R. H., Deputy Clerk and Steward, Hellesdon Hospital, Norwich, Norfolk. (A.)
- COLLIS, W. J., Senior Wages Clerk, Cell Barnes Colony, St. Albans, Herts. (A.)
- COLTHORPE, R. A., Second Grade Clerk, St. Audry's Hospital, Melton, Suffolk. (O.)
- COLYER, S. H., M.B.E., Superintendent, Burton Road Hospital, Dudley, Worcs. (F.)
- CONDER, C. N., Administrative Officer, Stepping Hill Hospital, Stockport, Lancs. (F.)
- CONNARLEY, H. W., Secretary, Buckland Hospital, Dover, Kent. (A.)
- CONNELL, N. C., Chief Clerk and Steward, Eastern District Hospital, Duke Street, Glasgow, E. (A.)
- CONNELL, R. J., A.I.M.T.A., Finance Officer, Epping Group Hospital Management Committee, St. Margaret's Hospital, Epping, Essex. (A.)
- CONNOLLY, H. E., F.C.I.S., Supplies Officer, Leeds Road Hospital, Bradford, Yorks. (F.)
- CONNOR, M. B., Deputy Finance Officer, Springfield Hospital, Tooting, London, S.W.17. (A.)
- CONSTABLE, P. H. C., M.A., Secretary to the Board and House Governor, St. George's Hospital, London, S.W.1. (F.)
- COOK, C. St. G., D.P.A., Secretary and Finance Officer, Leavesden Hospital, Abbots Langley, Nr. Watford, Herts. (F.)
- COOK, J., Assistant Secretary, Kent County Ophthalmic and Aural Hospital, Maidstone, Kent. (A.)
- COOK, W. F., Accountant, Guy's Hospital, Medical School, London, S.E.1. (O.)
- COOKE, H. H., Secretary, Caernarvon and Anglesey Hospital Management Committee, c/o Llandudno and District General Hospital, Llandudno, North Wales. (A.)
- COOKSON, Miss H. W., Secretary, United Sheffield Hospitals School of Nursing, and Secretary, United Sheffield Hospitals School of Physiotherapy, Sheffield. (A.)
- COOKSON, J. E., Secretary, Ministry of Pensions Ronswood Hospital, Worcester. (A.)
- COOLING, G. W., Secretary, 2, Ashburn Gardens, Kensington, London, S.W.7. (F.)
- COOMBER, S. C. A., A.I.M.T.A., Finance Officer, West Suffolk Hospital Management Committee, Bury St. Edmunds. (A.)
- COOPER, A. E., Secretary, Central Middlesex Group (No. 18) Hospital Management Committee, c/o Central Middlesex County Hospital, Acton Lane, London, N.W.10. (F.)
- COOPER, A. J., Supplies Officer and Assistant Secretary, North Liverpool Hospital Management Committee, General Hospital, Bootle. (F.)
- COOPER, D. B., Secretary, North East Somerset Hospital Management Committee, Paulton, Bristol. (A.)
- COOPER, E. S., Storekeeper, St. Matthew's Hospital, Burntwood, Nr. Lichfield, Staffs. (O.)
- COOPER, F. A., Senior Clerk, Stretton Hall, Oadby, Leicester. (A.)
- COOPER, H. C., Assistant Secretary, Darlington Memorial Hospital and Darlington District Hospital Management Committee, Darlington, Co. Durham. (A.)
- COOPER, J. T., Administrative Assistant and Deputy Secretary, Croydon Group Hospital Management Committee, General Hospital, London Road, Croydon. (A.)
- COOPER, R. M., First Assistant Supplies, Stone House, Nr. Dartford, Kent. (A.)
- COPE, E., Assistant Clerk and Steward, Cherry Knowle Hospital, Ryhope, Sunderland. (A.)
- COPLEY, W., Chief Administrative Officer, Nunnery Fields Hospital, Canterbury. (F.)
- COPPOCK, T., Accountancy Assistant, Warlingham Park Hospital, Warlingham, Surrey. (O.)
- CORBETT, H., Clerk and Steward, Middleton-in-Wharfedale Sanatorium, Ilkley, Yorks. (F.)
- CORIN, J., Secretary, The Italian Hospital, London, W.C.1. (O.)
- CORLETT, R. J., Supplies Officer and Assistant Secretary to Birmingham Sanatoria Group Hospital Management Committee, Yardley Green Hospital, Birmingham, 9. (O.)
- COTTAM, J., Deputy Clerk and Steward, Holbeach Institution, Fleet Road, Holbeach, Lincs. (A.)
- COUGHTREY, A. H., F.L.A. (Retd.), "St. Margarets," 36, The Avenue, Sunbury-on-Thames. (F.)

- COULING, L. F., Assistant Steward, Chase Farm Hospital, The Ridgway, Enfield, Middlesex. (A.)
- COULTHARD, R. H., A.S.A.A., Secretary, South Shields District Hospital Management Committee; House Governor and Secretary, Ingham Infirmary, Westoe Road, South Shields. (A.)
- COURTNEY, G., Assistant Clerk, Bracebridge Heath Hospital, Nr. Lincoln. (O.)
- COUSINS, W., Deputy Secretary and Steward, St. Nicholas' Hospital, Gosforth, Newcastle-on-Tyne, 3. (O.)
- COX, R. E., Senior Assistant, Supplies, Bath Hospital Management Committee, Manor Hospital, Bath, Somerset. (A.)
- CRABTREE, C. R. C., Secretary, Sheffield Hospitals Council (Inc.), Sheffield. (F.)
- CRACKNELL, J. S., A.I.M.T.A., Finance Officer, Ipswich Group Hospital Management Committee, Ipswich. (A.)
- CRAIL, S., Supplies Officer, West Dorset Group Hospital Management Committee, Dorchester, Dorset. (O.)
- CRAM, J., Assistant Secretary, Leicester Royal Infirmary. (F.)
- CRANE, Miss E. A., South London Hospital for Women, Clapham, London, S.W.4. (O.)
- CRANE, J. F., Director, Paterson General Hospital, Paterson, New Jersey, U.S.A. (F.)
- CRANE, M. L., A.S.A.A., Secretary Superintendent, Prince of Wales' Orthopaedic Hospital, Cardiff, and Deputy Secretary, Cardiff Hospital Management Committee. (F.)
- CRANG, Miss K. M., North Devon Infirmary, Barnstaple. (O.)
- CRAXTON, G. V. H., Secretary (Inoculation Department), St. Mary's Hospital, Paddington, London, W.2. (A.)
- CREANE, E. C., F.C.I.S., Assistant Secretary, Salisbury General Infirmary, Salisbury. (A.)
- CROASDALE, H. W., Secretary, Hartley Hospital, Colne, Lancs. (O.)
- CROCKER, P., House Governor, The General Hospital, Birmingham, 4. (F.)
- CROFT, F. A. (Retd.), "Nanoya," Cull Lane, New Milton, Hants. (F.)
- CROOK, T., D.P.A., A.R.San.I., Secretary, Southport and District Hospital Management Committee, Southport. (F.)
- CROSS, R. C., Senior Administrative Assistant, Bath Hospital Management Committee, Manor Hospital, Combe Park, Bath. (A.)
- CROSSE, R. H., Secretary, Darvell Hall Sanatorium, Robertsbridge, Sussex. (F.)
- CROUCH, Miss H. L., Secretary, Bristol Eye Dispensary, Bristol. (O.)
- CROWTHER, E. C., Senior Administrative Assistant, Clifton Hospital, York. (A.)
- CRUTTENDEN, D. I., Assistant Supplies Officer, Worthing Group Hospital Management Committee, Worthing, Sussex. (A.)
- CULLINGTON, J. H., Superintendent, Arclid Hospital, Sandbach, Cheshire. (F.)
- CULSHAW, E., Hospital Secretary, Ministry of Pensions Hospital, Stoke Mandeville, Aylesbury, Bucks. (A.)
- CUNLIFFE, A. W., Administrative Assistant, Preston and Chorley Hospital Management Committee, Preston, Lancs. (A.)
- CURD, A. W., Assistant Secretary, Epsom Hospital Management Committee, Epsom, Surrey. (A.)
- CURRY, R. S., Clerk and Steward, Whitecroft Mental Hospital, Newport, I.O.W. (F.)
- CURTIS, Major B. M., Secretary, King's Lynn Hospital Management Committee, Group 11, St. James' Hospital, Exton's Road, King's Lynn. (A.)
- CURTIS, F. J., A.R.San.I., Deputy Secretary and Finance Officer, Leicester Area No. 4 Hospital Management Committee, Narborough, Leicester. (A.)
- CURWEN, J. B., Grade "B" Clerk, Lancaster Moor Hospital, Lancaster. (O.)
- CUSHNIE, W. B., Finance Officer, Weston-super-Mare Hospital Management Committee, Weston-super-Mare. (A.)
- CUTTER, Miss F. M., Finance Officer, Grantham Hospital Management Committee, Grantham, Lincs. (O.)
- D**
- DAFFORNE, H. J., (Retd.) F.C.I.S., 112, Buckingham Road, Heaton Moor, Stockport, Lancs. (F.)
- DAFFORNE, J. H., F.C.I.S., General Superintendent-Secretary, Ancoats Hospital, Manchester, 4. (F.)
- DAGNALL, F., F.C.I.S., Secretary, Sunderland Area Hospital Management Committee; House Governor and Secretary, Royal Sunderland Infirmary. (F.)
- DAILY, A. H., Administrative Assistant, The Manor, Epsom, Surrey. (A.)
- DALGLEISH, Mrs. M. E., Assistant Secretary, Royal Dental Hospital of London, 32, Leicester Square, London, W.C.2. (A.)
- DANIELL, H. J., Deputy Clerk and Steward, Cardiff City Mental Hospital, Whitchurch, Nr. Cardiff. (A.)
- DANIELS, M. L., Secretary, Brentwood Group Hospital Management Committee, High Wood Hospital, Brentwood, Essex. (A.)
- DANIELS, Miss S. H., Medical Secretary, East Suffolk and Ipswich Hospital, Ipswich. (O.)
- DANSON, G., Clerk, Greaves Hall Banks, Nr. Southport, Lancs. (A.)
- DARBY, W. J., A.C.A., Finance Officer, Southmead General, Cosham and Frenchay, Ham Green Hospital Management Committee, Bristol. (A.)
- DARMADY, E. S., B.A., No. 2 Helmsley House, Havant, Hants. (Honorary Member.)
- DARROCH, J. M., Steward, Perth District Mental Hospital, Murthly, Perthshire. (O.)
- DAVIES, A., Clerk and Steward, County Hospital, Bangor, North Wales. (A.)
- DAVIES, B. G., Secretary, Cardiff and District Hospital Society, Cardiff. (A.)
- DAVIES, C. H., Chief Clerk, Shelton Hospital, Shrewsbury. (A.)
- DAVIES, C. M., M.I.E.E., Consulting Engineer, Ryber House, 150, Abbots Road, Abbots Langley, Herts. (A.)
- DAVIES, D., Secretary, Amman Valley Hospital, Garnant, Carmarthenshire. (O.)
- DAVIES, D. I., Administrative Assistant, Bridgend General Hospital, Bridgend, Glam. (F.)
- DAVIES, G. V., Supplies Officer, Mansfield Hospital Management Committee, Oak Bank, Mansfield. (A.)
- DAVIES, H. G., Clerk to the Cefn Mably Hospital, Nr. Cardiff. (A.)
- DAVIES, M., Secretary, Finance and Supplies Officer, Mid and West Glamorgan Hospital Management Committee, and Secretary, West Glamorgan Hospital, Neath. (A.)
- DAVIES, S. C., Secretary, Vale of Usk Hospital Management Committee, Pen-y-Val Hospital, Abergavenny. (F.)
- DAVIS, E. C., 16, Rostrevor Avenue, London, N.15. (Honorary Member.)
- DAVIS, G. L., Administrative Officer, The Canadian Red Cross Memorial Hospital, Taplow, Maidenhead, Berks. (A.)
- DAVIS, Miss I. E., Chief Clerk, Western Ophthalmic Hospital, London, N.W.1. (O.)
- DAVIS, J. L., F.C.I.S., Secretary, Bristol Mental Hospital Management Committee, Bristol Mental Hospital, Fishponds, Bristol. (A.)
- DAVIS, J. R. F., Finance Officer, Berkshire Mental Hospital Management Committee, Fairmile Hospital, Wallingford, Berks. (A.)
- DAVIS, K. C., A.C.I.S., Secretary, Torquay Sub-Group of Hospitals, Torquay. (A.)
- DAVIS, R., Assistant Steward, St. James' Hospital, Ouseley Road, London, S.W.12. (A.)
- DAVIS, S. T., Secretary, Cheltenham Hospital Management Committee; Secretary Superintendent, Cheltenham General Eye and Children's Hospital, Cheltenham, Glos. (A.)
- DAVISON, B., Administrator, Belfast Mental Hospital, Purdysburn Villa Colony, Belfast. (A.)
- DAVISON, C. F., Assistant Clerk and Steward, Meanwood Park Colony, Leeds, 6. (A.)
- DAWBER, J., D.P.A., Secretary, Birkenhead Hospital Management Committee, Birkenhead. (F.)
- DAWES, F. G., F.C.I.S., Secretary, Brighton and Lewes Hospital Management Committee, Royal Sussex County Hospital, Brighton. (F.)
- DAWTON, R. V., Second Assistant Clerk, The Mendip Hospital, Wells, Somerset. (O.)
- DAY, C. S., Secretary, Claybury Mental Group Hospital Management Committee, Claybury Hospital, Woodford Bridge, Essex. (F.)
- DAY, Miss E., Secretary, The General Hospital, Saffron Walden, Essex. (O.)
- DAY, J., Secretary, Warneford Hospital, Oxford. (A.)
- DAY, Miss K. M., Assistant Secretary, Bath and Wessex Children's Orthopaedic Hospital, Combe Park, Bath. (A.)
- DEACON, W. A., Second Assistant Steward, Bracebridge Heath Hospital, Nr. Lincoln. (O.)
- DEAKIN, F. J., Secretary, Carshalton, Beddington and Wallington District (War Memorial) Hospital, Carshalton, Surrey. (O.)
- DEAN, F., F.C.I.S., Superintendent, Liverpool Royal Infirmary, Liverpool. (F.)
- DEANS, N. O., Secretary Superintendent, Camborne Redruth Miner's and General Hospital, Redruth, Cornwall. (A.)

- DEAR, N. C., Deputy Clerk and Steward, Three Counties Hospital, Arlesey, Beds. (O.)
- DEARDEN, A., Administrative Officer, Skegness and District Hospital, Skegness. (A.)
- DEAVIN, J. S., Secretary, Finance and Supplies Officer, The Roundway Hospital Management Committee, Devizes. (F.)
- DELAFIELD, J. A. W., Assistant Steward, Bethnal Green Hospital, London, E.2. (A.)
- DENNE, W. F., Second Assistant Clerk, Park Prewett Hospital, Basingstoke, Hants. (O.)
- DENNISON, H. L., Senior Assistant Administrator, Lancaster Moor Hospital, Lancaster. (O.)
- DENT, R. A., Secretary Superintendent, Bishop's Stortford General Hospital. (A.)
- DENTON, F., Assistant Secretary, Cherry Knowle Hospital, Ryhope, Co. Durham. (O.)
- DEW, J. W. F., Clerk and Steward, Bromham House Colony, Nr. Bedford. (F.)
- DEWAR, A., Assistant Chief Clerk and House Steward, Hawkhead Mental Hospital, Glasgow. (A.)
- DEWHURST, F. R., Administrative Officer, Scartho Road Institution and Infirmary, Grimsby, Lincs. (F.)
- DEWHURST, T., M.M., A.C.I.S., Secretary, Blackburn and District Hospital Management Committee, Royal Infirmary, Blackburn. (F.)
- DEXTER, A. W., Superintendent, Maternity Hospital, Liverpool, 7. (F.)
- DICKINSON, D. C., Administrative Chief Petty Officer, Royal Naval Hospital, Port Edgar, South Queensferry, West Lothian. (A.)
- DICKINSON, P., Ministry of Pensions Issue Office, Cheltenham. (A.)
- DINNING, J. G., F.I.M.T.A., Finance Officer, Birkenhead Hospital Management Committee, Birkenhead. (A.)
- DIÖN, B. C., Supplies Officer to the Nottingham No. 1 Hospital Management Committee, Nottingham General Hospital, Nottingham. (F.)
- DIRKIN, T. A., Assistant Secretary, Salford Royal Hospital, Salford, Lincs. (A.)
- DITCHBURN, D. W., Steward, Maternity Hospital, Mill Road, Cambridge. (A.)
- DIXON, N. J., Deputy Steward, Emergency Hospital, Hexham, Northumberland. (A.)
- DOBBIN, R., Assistant Secretary, Newcastle-on-Tyne Regional Hospital Board, Newcastle-on-Tyne. (A.)
- DOBSON, C., Administrative Assistant, Brockhall, Langho, Nr. Blackburn. (A.)
- DOBSON, H., Secretary, Finance and Supplies Officer, Derby No. 3 Hospital Management Committee, The Pastures Hospital, Mickleover, Derby. (F.)
- DOBSON, W., Finance Officer, Mid Wilts Hospital Management Committee, Chippenham. (A.)
- DOCKRAY, L., Deputy Clerk and Steward, Westwood Hospital, Beverley, Yorks. (O.)
- DODD, L. J., B. Com., A.C.I.I., Secretary, Bristol Hospitals Fund, Bristol. (O.)
- DOE, A. T., Assistant Clerk, Isle of Wight Mental Hospital, Newport, Isle of Wight. (O.)
- DOFFMAN, L. N., A.C.I.S., Deputy Administrator, St. Helier Group Hospital Management Committee, St. Helier Hospital, Wrythe Lane, Carshalton, Surrey. (A.)
- DONALD, H. F., Secretary, Stamford, Rutland and General Infirmary, Stamford. (A.)
- DORMAN, J., House Governor and Secretary, Sir John Priestman, Durham County and Sunderland Eye Infirmary, Alexandra Road, Sunderland. (A.)
- DOUGALL, T. B., Chief Clerk and Steward, Ruchill Hospital, Glasgow. (F.)
- DOUGLAS, J., Administrative Staff, Whittingham Hospital, Whittingham, Preston, Lincs. (O.)
- DOUTHWAITE, H., Secretary and Finance Officer, Cirencester and District Hospital Management Committee, Cirencester, Glos. (F.)
- DOVE, N., Administrative Officer, Peppard Sanatorium, Peppard Common, Henley-on-Thames. (A.)
- DOWDEN, J. H., Administrative Assistant, Whittingham Hospital Management Committee, Whittingham Hospital, Whittingham, Nr. Preston, Lincs. (O.)
- DOWERS, J. H. C., A.R.San.I., Supplies Officer, Orpington Hospital, Orpington, Kent. (F.)
- DOWLING, E. H., Administrative Assistant, Runwel Hospital, Nr. Wickford, Essex. (A.)
- DOWN, F. J., F.C.I.S., Assistant Secretary, Claybury Mental Hospital, Woodford Bridge, Essex. (A.)
- DOWN, S. H., Deputy Clerk, Hill End Hospital, St. Albans, Herts. (A.)
- DOYLE, B. J., Assistant Secretary, The Royal Liverpool Children's Hospital, Liverpool. (A.)
- DRAGE, A. L., Administrative Officer, Redhill County Hospital, Reigate Isolation Hospital and Godstone Isolation Hospital, Surrey. (A.)
- DRAKE, C. L., Administrative Staff, The Queen Elizabeth Hospital for Children, Hackney Road, London, E.2. (O.)
- DRAKE, J. N., Assistant Secretary, Central Middlesex Group Hospital Management Committee, Willesden General Hospital, London, N.W.10. (F.)
- DRANSFIELD, E., Administrative Assistant, Supplies, Bournemouth and Poole Sanatorium Management Committee, Bournemouth. (A.)
- DRAPER, H. C., Assistant Secretary, Central Middlesex County Hospital, Willesden, London, N.W.10. (A.)
- DRINNAN, G., House Steward, The Royal Infirmary, Dundee. (A.)
- DRISKELL, J. R., A.R.San.I., Deputy Supplies Officer, Greenwich and Deptford Hospital Management Committee, St. Alfege's Hospital, London, S.E.10. (A.)
- DRUCE, H. R. S., Kensington Hotel, Queen's Gate, London, S.W.7. (Honorary Member.)
- DRYBURGH, J. B., Senior Administrative Assistant (Finance), Wrexham Hospital Management Committee, Wrexham Emergency Hospital, Wrexham. (A.)
- DRYDEN, K. G., Assistant Secretary, Nottingham Children's Hospital. (A.)
- DRYLAND, Major H. H., M.B.E. Secretary and Supplies Officer, York 'B' Hospital Management Committee, Clifton Hospital, York. (F.)
- DUCE, W. H., Administrative Assistant, Maudsley Hospital, London, S.E.5. (A.)
- DUCKWORTH, R., A.C.A., Assistant Finance Officer, Preston and Chorley Hospital Management Committee, Royal Infirmary, Preston, Lincs. (A.)
- DUDGEON, W. J., Second Assistant Clerk and Steward, Littlemore Hospital, Littlemore, Nr. Oxford. (A.)
- DUNCALFE, N. H. B., B.E.M., Assistant House Governor, The United Birmingham Hospitals, Birmingham and Midland Hospitals for Women, Birmingham. (A.)
- DUNCAN, H. D., Administrative Staff, St. Audry's Hospital, Melton, Suffolk. (O.)
- DUNCE, N. H., Second Assistant Supplies Officer, Long Grove Hospital, Epsom, Surrey. (A.)
- DUNMALL, S. H., Chief Assistant (to Administrative Officer), Bromley and District Hospital, Bromley, Kent. (A.)
- DURDLE, A. J., Assistant Steward, Queen Mary's Hospital, Sidcup, Kent. (A.)
- DUTTON, P. I., M.B.E. (Retd.), Committee Member, Caernarvonshire and Anglesey Hospital Management Committee. (F.)
- DYER, R. C. T., Steward, Northampton General Hospital and Margaret Spencer Home. (A.)

E

- EADE, D. H., A.C.I.S., Secretary, Westminster Hospital (All Saints) Urological Centre, Austral Street, London, S.E.11. (F.)
- EADE, F. L. W., B.A. (Oxon), Secretary, Farnham Group Hospital Management Committee, Farnham County Hospital, Farnham, Surrey. (A.)
- EARLE, C. R., Administrative Staff, St. George's Hospital, Morpeth, Northumberland. (O.)
- EASSON, Miss J. T., Medical Records Officer, County and City of Perth Royal Infirmary. (O.)
- EAST, C. E., Steward, New Cross Hospital, Wolverhampton. (A.)
- EASTO, A. H. G., Administrative Officer, Bromley Group Hospital Management Committee, Beckenham Hospital, Beckenham, Kent. (A.)
- EASTWOOD, W. E., Assistant Secretary, Wakefield 'B' Group Hospital Management Committee, Wakefield, Yorks. (A.)
- EATON, L. F., A.L.A.A., Finance Officer, Darenth and Stone Hospital Management Committee, Darenth Park Hospital, Dartford, Kent. (F.)
- EBBS, S. C., F.I.M.T.A., A.S.A.A., Finance Officer, Central Middlesex Group Hospital Management Committee, London, N.W.10. (A.)
- EBDON, Miss P. A., S.R.N., Matron, Pontypool and District Hospital, Pontypool, Mon. (O.)
- EDDIE, C. G., Storekeeper, Bangour Mental Hospital, Broxburn, West Lothian. (O.)
- EDDLESTON, N., Administrative Staff, Calderstones Institution, Whalley, Nr. Blackburn, Lincs. (A.)
- EDMUNDS, A. D., M.B.E., Secretary, Herefordshire Hospital Management Committee, County Hospital, Hereford. (A.)
- EDWARDS, F. J. L., Assistant Clerk, Upton Menta Hospital, Chester. (O.)

- EDWARDS, H., Supplies Officer, Worksop and Retford Hospital Management Committee, Kilton Hospital, Worksop, Notts. (A.)
- EDWARDS, N. H., Assistant Clerk and Steward, St. Helier Hospital, Wrythe Lane, Carshalton, Surrey. (A.)
- EDWARDS, R. A., Steward, Kowloon Hospital, Hong Kong, China. (F.)
- EGERTON, J. S., Secretary, Great Yarmouth General Hospital, Norfolk. (F.)
- EGLIN, H. L., Clerk of Works, The General Infirmary, Leeds. (A.)
- EKINS, C. A., A.C.I.S., Secretary, Finance and Supplies Officer, Brookwood Hospital Management Committee, Brookwood Hospital, Knaphill, Nr. Woking, Surrey. (F.)
- ELCOCK, Mrs. E. K. M., 14, Park Place, Lewiston, Pa., U.S.A. (*Honorary Fellow.*)
- ELLICOTT, A. J., Secretary, Battersea and Putney Group Hospital Management Committee, Putney Hospital, London, S.W.15. (F.)
- ELLIOT, J. A., Senior Clerk, Cranage Hall Hospital, Holmes Chapel, Cheshire. (A.)
- ELLIOTT, A. G., O.B.E., M.C., B.A. (Retd.), "Durborough," Aisholt, Nr. Bridgwater, Somerset. (F.)
- ELLIOTT, H., A.S.A.A., Finance Officer, Dewsbury, Batley and Mirfield Group Hospital Management Committee, Dewsbury, Yorks. (A.)
- ELLIOTT, J. R., Canterbury Group Hospital Management Committee, St. Martin's Hospital, Canterbury, Kent. (A.)
- ELLIOTT, W. H., Clerk and Steward, County Convalescent Home, David Salomon's House, Southborough, Kent. (A.)
- ELLIS, E. R., Steward, Downs Hospital for Children, Sutton, Surrey. (F.)
- ELLIS, H., Secretary to the Hospital Management Committee, Springfield Hospital, Crumpsall, Manchester, 8. (A.)
- ELLIS, R., Assistant Secretary, The United Sheffield Hospitals, The Royal Hospital, West Street, Sheffield, 1. (A.)
- ELLISON, G., Steward, Billinge Hospital, Orrell, Nr. Wigan, Lancs. (A.)
- ELLISTON, R. W. A., Secretary, Cheyne Hospital for Children, Chelsea, London, S.W.3. (F.)
- ELSE, E. E. G., Storekeeper, Naburn Hospital, Fulford, York. (O.)
- ELSEY, J. H., Acting Second Assistant Clerk, St. Lawrence's Hospital, Caterham, Surrey. (A.)
- ELWIN, Miss D. M., Secretary, Royal Victoria Hospital, Dover. (F.)
- ELWOOD, J. A., Steward, White Oak Hospital, Swanley, Kent. (F.)
- EMARY, J. M. C., Deputy Supplies Officer, Hortham-Brenty Hospital Management Committee, Clifton, Bristol. (O.)
- EMERSON, R., Assistant Secretary, Sheffield No. 2 Hospital Management Committee, Middlewood Hospital, Sheffield, 6. (A.)
- EMERSON, R. W., House Governor and Secretary, Monkwearmouth and Southwick Hospital, Sunderland. (A.)
- EMERY, D. C., Secretary, Hospital for Women, Soho Square, London, W.1. (F.)
- ENFIELD, L. G., Secretary and Finance Officer, North Devon Hospital Management Committee, Barnstaple. (A.)
- ENGLAND, E. C., Secretary, Finance Officer and Supplies Officer, Graylingwell Hospital Management Committee, Graylingwell Hospital, Chichester, Sussex. (F.)
- ENRIGHT, W., Master, Newark County Institution, Notts. (A.)
- ERNSTING, D., Administrator, Townleys Hospital and Annex, Farnworth, Nr. Bolton, Lancs. (F.)
- EVANS, B. T., Clerk and Steward, Glamorgan County Mental Hospital, Bridgend, Glam. (F.)
- EVANS, D. B., Assistant Clerk, North Wales Counties Mental Hospital, Denbigh. (O.)
- EVANS, G. V., Secretary, Weybridge Hospital, Surrey. (O.)
- EVANS, J., Assistant Superintendent, St. Georges' Hospital, Hornchurch, Essex. (A.)
- EVANS, J. A., Finance Officer, Cardiff Hospital Management Committee, Cardiff. (A.)
- EVANS, Miss J. M., Senior Administrative Assistant, Birkenhead Hospital Management Committee, Birkenhead. (A.)
- EVANS, R. H., Administrative Assistant, The Central Hospital, Hatton, Nr. Warwick. (A.)
- EVANS, S. D., Administrative Officer, St. Mary's Hospital, Luton, Beds. (A.)
- EVANS, T. H., North Staffordshire Voluntary Hospitals Contributory Association, North Staffs Royal Infirmary, Stoke-on-Trent. (O.)
- EVANS, W., Secretary, Worksop and Retford Hospital Management Committee, Kilton Hospital, Worksop, Notts. (A.)
- EVANS, W. H., Regional Engineer, Newcastle-on-Tyne Regional Hospital Board, Newcastle-on-Tyne. (*Honorary Member.*)
- EVE, M., Deputy Steward, St. Edward's Hospital, Cheddleton, Nr. Leek, Staffs. (O.)
- EVERETT, R. F., Principal Assistant to Supplies Officer, Warlingham Park Hospital, Warlingham, Surrey. (A.)
- EVERINGHAM, J., A.C.A., Treasurer, Sheffield Regional Hospital Board, Sheffield. (A.)
- EYLES, S. G., Administrative Staff, St. Crispin Hospital, Duston, Northampton. (A.)

F

- FAGE, J. A., M.B.E., J.P., Honorary Secretary, Epsom and Ewell Cottage Hospital, Epsom, Surrey. (*Honorary Member.*)
- FAIRFOLD, S., Master, Wordsley Hospital, Nr. Stourbridge, Worcs. (A.)
- FAIRHEAD, L. M., B.E.M., Clerk and Steward, Aston Hall Institution, Aston-on-Trent, Nr. Derby. (A.)
- FAIRWEATHER, R. F., M.C., Administrator, Atkinson/Morley Hospital, Wimbledon, London, S.W.20. (O.)
- FALCON, H. E., Chief Lay Administrator, Mill Road Hospital, Liverpool, 6. (A.)
- FARISH, A., Secretary, Lawn Hospital, Lincoln. (F.)
- FARMER, T. J. (Retd.), 240, Tilehurst Road, Reading. (F.)
- FARNHAM, G. E., Assistant Secretary, Central Group, North-East Metropolitan Regional Hospital Board, St. Leonards Hospital, London, N.1.
- FARNWORTH, F., Chief Accountant, Guy's Hospital, London, S.E.1. (A.)
- FAULK, K. W., Secretary, Finance and Supplies Officer, Netherne Hospital Management Committee, Netherne Hospital, Coulsdon, Surrey. (A.)
- FAULKNER, L. W., Secretary, Sheffield Regional Hospital Board, Sheffield, 10. (F.)
- FELDON, L. T., Secretary, Darenth and Stone Hospital Management Committee, London, S.W.1. (F.)
- FELLOWS, J., Secretary, Hortham-Brenty Hospital Management Committee, Bristol. (F.)
- FELTON, D. R., A.L.A.A., Assistant Accountant, The Queen Elizabeth Hospital, Edgbaston, Birmingham. (O.)
- FENNELL, G. H., Assistant Secretary, Kettering and District Hospital Management Committee, and Assistant Secretary, The General Hospital, Kettering, Northants. (A.)
- FEREDAY, H., Secretary, Gosport War Memorial Hospital, Bury Road, Gosport, Hants. (O.)
- FERGUSON, D. C., Deputy Supplies Officer, Battersea and Putney Group Hospital Management Committee, London, S.W.11. (O.)
- FERGUSON, D. M., House Steward, Stratheden Hospital, Cupar, Fife. (F.)
- FERGUSON, W. A., Chief Clerk and House Steward, Shieldhall Fever Hospital, Glasgow, S.W.1. (A.)
- FERGUSON, W. F., J.P., Secretary and Treasurer, Board of Management for Royal Infirmary of Edinburgh and Associated Hospitals, Royal Infirmary, Edinburgh. (F.)
- FERRIS, R. G., Finance Officer, Battersea and Putney Group Hospital Management Committee, Bolingbroke Hospital, Wandsworth Common, London, S.W.11. (O.)
- FERRIS, T. H., Grade "A" Clerk, Brookwood Hospital, Knaphill, Surrey. (A.)
- FIELD, C. E., Finance Officer, Dudley, Stourbridge and District Group Hospital Management Committee, The Guest Hospital, Dudley. (A.)
- FIELD, C. S., Secretary, Horton Hospital, Epsom, Surrey. (A.)
- FIELD, J. C., Secretary, Southend-on-Sea Hospital Management Committee (No. 15 Group), 20, Warrior Square, Southend-on-Sea. (F.)
- FIELDING, H., Assistant Master (Acting Deputy) Birmingham Infirmary, Western Road, Birmingham, 18. (A.)
- FIELDING, J., A.R.San.I., Group Secretary, Edgware General Hospital, Edgware, Middx. (F.)
- FINCH, G. E., Clerk, Rubery Hill Hospital, Birmingham. (A.)
- FINCH, W. F., Storekeeper, Knowle Mental Hospital, Fareham, Hants. (F.)
- FINLAY, M., Deputy Secretary, Tottenham Group Hospital Management Committee, The Green, London, N.15. (F.)
- FINNEY, W. H., Assistant Secretary, Devonshire Royal Hospital, Buxton, Derbyshire. (A.)

FIRTH, H., Stores Accounts Clerk, Stanley Royd Hospital, Wakefield. (O.)

FISHLEIGH, F. W., LL.B., D.P.A., Senior Administrative Officer, Worthing Hospital, Worthing, Sussex. (A.)

FITI, J. G. A. N., Supplies Officer, Guildford Group Hospital Management Committee, Guildford, Surrey. (A.)

FITZGERALD, J. J., Assistant Steward, St. Nicholas' Hospital, London, S.E.18. (A.)

FLANAGAN, J., Administrative Officer, Western Infirmary, Glasgow, W.1. (F.)

FLEMING, W. D., House Steward, Dundee Mental Hospital, Dundee. (A.)

FLETCHER, E., Secretary, Mid-Staffs Mental Group Hospital Management Committee, St. George's Hospital, Stafford. (O.)

FLETCHER, J. C., House Steward, The Royal Scottish National Institution, Larbert, Stirlingshire. (A.)

FLETCHER, T. H., Supplies Officer, Rotherham and Mexborough Hospital Management Committee, Rotherham Hospital, Doncaster Gate, Rotherham, Yorks. (F.)

FOARD, A. J. F., A.R.San.I., Lay Administrative Officer, Plymouth, Special Hospital Management Committee, Mount Gold Hospital, Plymouth. (A.)

FOGGAN, D., M.P.S., F.C.S., Head Pharmacist, Royal Victoria Infirmary, Newcastle-upon-Tyne, 1. (F.)

FOLKARD, J., Secretary, Leeds "A" Group Hospital Management Committee, Leeds. (F.)

FOLLOWS, R. J., Assistant Secretary, Belvedere Hospital, Burton-on-Trent. (A.)

FORBES, E. R. H., Secretary and Treasurer, Board of Management for North Ayrshire Hospitals Kilmarnock Infirmary. (A.)

FORD, A. H., A.R.San.I., Deputy Supplies Officer, Woolwich Group Hospital Management Committee, St. Nicholas Hospital, London, S.E.18. (A.)

FORD, G. E., Secretary, Finance and Supplies Officer, Moorhaven Hospital Management Committee, Moorhaven, Ivybridge, Devon. (F.)

FORD, R. F., Supplies Officer, Windsor Group Hospital Management Committee, Slough, Bucks. (A.)

FORREST, G. G., Chief Clerk and Steward, Hawkhead Mental Hospital, Glasgow. (F.)

FORRYAN, L. E., Administrative Assistant, Winchester Group Hospital Management Committee, Winchester, Hants. (A.)

FORSHAW, H., F.I.M.T.A., F.S.S., Finance Officer, Isle of Wight Hospital Management Committee, St. Mary's Hospital, Newport, Isle of Wight. (A.)

FOSBERY, W. N. C., Assistant Secretary, Royal Northern Hospital, Holloway, London, N.7. (F.)

FOSTER, F. H., Supplies Officer, Group No. 15 Shrewsbury Hospital Management Committee, Copthorne Hospital, Shrewsbury. (A.)

FOSTER, F. L., Holloway Sanatorium, Virginia Water, Surrey. (A.)

FOSTER, L., Clerk, Swansea Hospital Management Committee, Swansea. (O.)

FOX, E., Supplies Officer and Assistant Secretary, Winwick and Newchurch Homes Hospital Management Committee, Winwick, Nr. Warrington, Lancs. (A.)

FOXELL, G. V., Chief Administrator, Fairmile Hospital, Christchurch, Hants. (A.)

FOXELL, H. B., Administrative Officer, All Saints Hospital, Chatham, Kent. (F.)

FRANCE, A. P., Administrative Staff, The General Infirmary at Leeds. (O.)

FRANCE, E. W., Finance Officer, Grimsby Hospital Management Committee, 13, Queen's Parade, Grimsby. (A.)

FRANCIS, E. W., Administrative Assistant, St. Matthew's Hospital, Burntwood, Nr. Lichfield, Staffs. (O.)

FRANCIS, Miss H. G., Administrative Staff, Coventry and Warwickshire Hospital, Coventry. (O.)

FRANKCOMBE, W. A., Secretary, Finance and Supplies Officer, Friern Hospital, New Southgate, London, N.11. (F.)

FRANKISH, H. A., Deputy Clerk and Steward, Caistor Institution, Caistor, Lincoln. (A.)

FRASER, T. M., House Steward, Base Hospital, Larbert, Scotland. (F.)

FREEMAN, R. O., Assistant Secretary, Liverpool Regional Hospital Board, Liverpool. (A.)

FREESTONE, F., Deputy Clerk, Bracebridge Heath Hospital, Lincoln. (A.)

FRENCH, R., Assistant Clerk, Middlewood Hospital, Wadsley, Sheffield. (A.)

FRIAR, R., Storekeeper, Rainhill Hospital, Nr. Liverpool, Lancs. (O.)

FRICKER, H. J., Secretary, Bath and Wessex, Children's Orthopaedic Hospital, and the Forbes Frazer Private Hospital, Bath. (F.)

FRICKER, L. J. (Retd.), 21, Fallodon Way, Henleaze, Bristol. (F.)

FRITH, G., Accountant, City Hospital, Saskatoon, Saskatchewan, Canada. (A.)

FROGGATT, H. A., Secretary, Hastings Hospital Management Committee, 11, Homesdale Gardens, Hastings, Sussex. (F.)

FROST, C. H., Secretary, Norfolk Mental Hospital Management Committee, Little Plumstead Colony, Norwich. (F.)

FROST, E. T., Assistant Secretary, Hounslow Hospital, Hounslow, Middx. (A.)

FROST, Miss H. K., Senior Shorthand-Typist, Ipswich, Group Hospital Management Committee, East Suffolk and Ipswich Hospital, Ipswich. (O.)

FROST, S. L., M.I.P.H.H., Secretary and Finance Officer, North Wales Mental Hospital Management Committee, North Wales Mental Hospital, Denbigh. (F.)

FRYER, W. J., General Hospital, Nottingham. (O.)

FRYERS, S. Clayton, C.B.E., Secretary, United Leeds Hospitals, and House Governor, The General Infirmary at Leeds. (F.)

FULLER, A. F., Finance Officer, Winson Green Hospital, Birmingham, 18. (A.)

FULLER, P. W., Assistant Secretary to the Board of Governors, United Leeds Hospitals, The General Infirmary at Leeds. (F.)

FURMINGER, F. T., Administrative Assistant, St. Augustine's Hospital, Chartham, Nr. Canterbury, Kent. (O.)

FURNEAUX, Miss O. M., Secretary, Midland Hospital, Easy Row, Birmingham. (F.)

FYNN, S. J., Storekeeper, Goodmayes Hospital, Goodmayes, Essex. (A.)

G

GALTON, R., Administrative Assistant, Royal Victoria and West Hants. Hospital, Bournemouth. (A.)

GAPPER, R. J. C., Deputy Clerk, Exminster Hospital, Exminster. (A.)

GARBUTT, S., Secretary, Harrow and Wealdstone Hospital, Harrow-on-the-Hill, Middx. (F.)

GARDINER, Miss A., Assistant Secretary, Scarborough, Bridlington, Malton and Whitby Hospitals Management Committee, Lloyd Hospital, Bridlington, Yorks. (O.)

GARDINER, B. A. (Retd.), 95, Wylham Street, Abingdon Road, Oxford. (A.)

GARLAND, Miss D. H., Chief Clerk, Royal Gwent Hospital, Cardiff Road, Newport, Mon. (A.)

GARRARD, H. H., Second Administrative Assistant, Royal National Throat, Nose and Ear Hospital, London, W.C.1. (A.)

GARRATT, S. W., Steward, St. Leonard's Hospital, Kingsland Road, London, N.1. (F.)

GARRETT, J. R., Supplies Officer, Tunbridge Wells Hospital Management Committee, Sherwood Park, Pembury Road, Tunbridge Wells. (F.)

GARTLAND, T. H. G., Superintendent, The Children's Hospital, Sheffield, 10. (F.)

GARTON, K. S., Assistant Secretary, Clerk and Steward, Oulton Hall, Hatfield Hall and Stoneville Institutions for C.M.D., Oulton Hall, Oulton, Nr. Leeds. (A.)

GATES, G. S. G., Assistant Secretary, Winchester Group Hospital Management Committee, Highcroft, Winchester. (A.)

GATES, R. C., Senior Administrative Assistant, Coleshill Hall, Birmingham. (A.)

GATFIELD, F. L., Secretary, Norwich, Lowestoft and Yarmouth Group Hospital Management Committee, Norfolk and Norwich Hospital, Norwich. (F.)

GAY, G., Administrative Officer, St. James's Hospital, London, S.W.12. (F.)

GEARY, F., Secretary, Bexhill Hospital, Bexhill on Sea, Sussex. (A.)

GEEN, Miss E. M., Chief Clerk, Prince of Wales' Orthopaedic Hospital, Cardiff. (A.)

GEERE, C. G., Administrative Assistant, Friern Hospital, New Southgate, London, N.11. (O.)

GEORGE, F. L., M.C., Assistant Secretary, Mayday Hospital, Croydon, Surrey. (A.)

GEORGE, J. S., First Assistant Clerk and Steward, St. John's Hospital, Stone, Aylesbury. (O.)

GIBBINGS, H. E. D., Assistant Supplies Officer, Woolwich Group Hospital Management Committee, St. Nicholas' Hospital, Plumstead, London, S.E.18. (O.)

GIBBINS, F. J., L.R.I.B.A., F.I.A.A. & S., Estates Clerk and Surveyor, St. Bartholomew's Hospital, West Smithfield, London, E.C.1. (F.)

GIBBON, J., Secretary, Manchester Regional Hospital Board, Manchester. (F.)

GIBBONS, G. H., Grade "A" Clerk, St. George's Hospital, Stafford. (O.)

- GIBBONS, W. K., Deputy Finance Officer and Deputy Clerk, St. George's Hospital, Stafford. (A.)
- GIBBS, H., Secretary to the Hospital Management Committee and Clerk and Steward of the Hospital, Brentwood Mental Hospital, Brentwood, Essex. (F.)
- GIBLIN, W. J., Steward, West Hill Hospital, Dartford, Kent. (F.)
- GIBSON, J., M.B.E., J.P., Superintendent and Secretary, Queen Victoria Royal Infirmary, Preston, Lancs. (F.)
- GIBSON, J. E., F.C.I.S., A.R.San.I., Administrative Assistant, No. 4 Chelsea Group Hospital Management Committee, St. Luke's Hospital, London, S.W.3. (A.)
- GIBSON, J. F., Clerk Second Grade, Higher Division, Stobhill Hospital, Glasgow. (A.)
- GIBSON, J. R., A.I.M.T.A., Finance Officer, East Riding Hospital Management Committee, Beverley, E. Yorks. (A.)
- GIBSON, J. S., Steward, Royal Free Hospital, North Western Branch, Lawn Road, Hampstead, London, N.W.3. (F.)
- GIBSON, P., Deputy Accountant, St. Andrew's Hospital, Northampton. (A.)
- GIBSON, T., M.A., Secretary, Stoke-on-Trent Hospital Management Committee, North Staffordshire Royal Infirmary, Stoke-on-Trent. (F.)
- GIBSON, T. J. P., Supplies Officer, Bolton and District Hospital Management Committee, Bolton, Lancs. (A.)
- GIFFORD, R. C., Assistant Supplies and Finance Officer, Bethlem Royal Hospital, Monk's Orchard, Eden Park, Beckenham, Kent. (A.)
- GILBERT, J. C., Secretary-Superintendent, St. John's Hospital, Lewisham, London, S.E.13. (F.)
- GILBY, N. E., Deputy Clerk and Steward, Little Plumstead Hall, Norwich. (A.)
- GILCHRIST, Miss M., Shorthand Typist, Victoria Central Hospital, Wallasey. (O.)
- GILES, G. A., Administrative Assistant, Kingston Hospital, Kingston-on-Thames, Surrey. (A.)
- GILL, A., Treasurer, The United Oxford Hospitals, Oxford. (A.)
- GILL, C. W., Secretary and Finance Officer, Winterton Hospital Management Committee, Sedgefield, Stockton-on-Tees. (F.)
- GILLESPIE, Mrs. L. M. (Retd.), 55, Kingston Road, Didsbury, Manchester, 20. (F.)
- GILLET, C., Supplies Officer, St. Helens and District Hospital Management Committee, County Hospital, Whiston, Lancs. (F.)
- GILLET, J. G., A.R.San.I., Secretary, Prudhoe and Monkton Hospital, Prudhoe Hall, Prudhoe-on-Tyne. (F.)
- GILLET, T. I., Senior Clerk, Herrison Hospital, Dorchester. (O.)
- GILLIBRAND, S., Assistant Clerk, Whittingham Hospital, Whittingham, Nr. Preston, Lancs. (O.)
- GILLMAN, S. L., Steward, City of Birmingham Public Health Department Home Nursing Service, 48, Summer Hill Road, Birmingham, 1. (O.)
- GLADWELL, R. C., 286, Cranbrook Road, Ilford, Essex. (A.)
- GLEGG, R. F. P., Secretary, Eastbourne Hospital Management Committee, 29, Bedfordwell Road, Eastbourne, Sussex. (F.)
- GLEN, A., House Steward, Inverness District Asylum, Inverness. (F.)
- GLENN, W. J., Clerk and Steward, St. Clement's Hospital, Ipswich, Suffolk. (A.)
- GODDARD-FENNER, E. W., Administrative Assistant, West Cornwall Hospital Management Committee, Truro, Cornwall. (O.)
- GODFREY, R. E., Secretary, Archway Group Hospital Management Committee, London, N.19. (F.)
- GOLLOP, L. G., Administrative Assistant, Brockhall Institution, Langho, Nr. Blackburn, Lancs. (A.)
- GOODACRE, F. B., Secretary, Friends of Liverpool Radium Institute, Liverpool. (F.)
- GOODE, A. J., Superintendent, St. Albright's Hospital, Stanway, Colchester. (A.)
- GOODE, V. J., Chief Clerk and House Steward, Mearns Kirk Hospital, Glasgow. (A.)
- GOODIER, Miss H., Chief Clerk, General Office, The Infirmary, Stockport. (O.)
- GOODYER, F. A., Storekeeper, St. John's Hospital, Stone, Aylesbury. (O.)
- GORDON, T. E., Storekeeper, Runwell Hospital, Wickford, Essex. (O.)
- GOSNEY, R. L., Grade A Clerk, Tone Vale Hospital, Norton Fitzwarren, Somerset. (A.)
- GOSS, H. C., Assistant Secretary, Harrogate and District General Hospital, Harrogate, Yorks. (A.)
- GOUDIE, J. J., Secretary and Treasurer, Board of Management for Southern Ayrshire Hospitals Ayr County Hospital, Ayr. (F.)
- GOUGH, F. A. J., Finance and Supplies Officer, Cell Barnes Colony, St. Albans, Herts. (O.)
- GOWER, E. S., F.C.I.S., Financial Secretary, Westminster Hospital, London, S.W.1. (F.)
- GOWER, P., Administrative Officer, New Cross General Hospital, Avonley Road, New Cross, London, S.E.14. (A.)
- GOWERS, F., Senior Administrative Officer, Scunthorpe and District War Memorial Hospital, Scunthorpe, Lincs. (A.)
- GRACEY, N., Administrative Assistant, Brockhall Institution, Langho, Nr. Blackburn, Lancs. (A.)
- GRAHAM, A. C., Cashier, Royal Infirmary, Blackburn, Lancs. (A.)
- GRAHAM, C. A., Administrative Officer, Belvidere Fever Hospital, Glasgow, S.W.1. (A.)
- GRAHAM, J. H., Secretary, Supplies Officer and Finance Officer, Warlingham Park Hospital Management Committee, Warlingham Park Hospital, Warlingham, Surrey. (F.)
- GRAHAM, R., Administrative Assistant, Ulverston Hospital, Ulverston, Lancs. (O.)
- GRAHAM, Mrs. S. R., Assistant Secretary, Cornelia and East Dorset Hospital, Poole, Dorset. (A.)
- GRAINGER, Miss C., Assistant Secretary, Newcastle-upon-Tyne Dental Hospital. (O.)
- GRAINGER, W. E., Assistant Secretary, Royal Infirmary, Liverpool. (F.)
- GRANT, K. R., Steward's Clerk, City Hospital, Nottingham. (O.)
- GRANT, P. W., A.R.San.I., Secretary, Finance and Supplies Officer, Horton Road and Coney Hill Hospital Management Committee, Horton Road and Coney Hill Hospitals, Gloucester. (F.)
- GRAVES, D. W., Deputy Secretary, Finance and Supplies Officer, Tone Vale Hospital Management Committee, Tone Vale Hospital, Norton Fitzwarren, Somerset. (A.)
- GRAVES, L. S. T. de B., Assistant Secretary, Connaught Hospital, London, E.17. (O.)
- GRAY, A. F., A.C.I.S., Lay Secretary, Colonial Hospital, San Fernando, Trinidad, British West Indies. (A.)
- GRAY, Miss B. A., Almoner, Children's Hospital, Birkenhead. (O.)
- GRAY, R. J., Administrative Assistant, Brentwood Mental Hospital, Essex. (A.)
- GRAY, T. H., Secretary and Assistant Treasurer, General Infirmary, Salisbury, Wilts. (*Honorary Member.*)
- GRAY, W. J., Administrative Staff, The General Infirmary at Leeds. (A.)
- GREEN, J. A., Supplies Officer, Enfield Group Hospital Management Committee, Chase Farm Hospital, Enfield, Middx. (F.)
- GREEN, Miss M. M., Secretary to Finance Officer, Dudley Road Hospital, Birmingham, 18. (F.)
- GREEN, S. R., Assistant Secretary, Croydon General Hospital, Croydon, Surrey. (O.)
- GREENWOOD, A., Assistant Steward, Newcastle General Hospital, Newcastle-on-Tyne. (A.)
- GREGG, E. J., House Governor and Secretary, West Kent General Hospital, Maidstone. (F.)
- GREGGAINS, E. F., Steward, St. Benedict's Hospital, Church Lane, London, S.W.17. (F.)
- GREGORY, C. H., Clerk of the Hospital, St. Matthew's Hospital, Lichfield, Staffs. (F.)
- GREGORY, D. J., Administrative Assistant, Glamorgan Mental Hospital, Bridgend, Glam. (A.)
- GREST, J., Administrative Staff, Grimsby and District Hospital, Grimsby. (O.)
- GRIDLEY, D. S., Administrative Staff, Shenley Mental Hospital, Shenley, Nr. St. Albans, Herts. (O.)
- GRIFFIN, E. T., Assistant Secretary, South Warwickshire Hospital Group No. 14, Stratford-on-Avon Hospital, Stratford-on-Avon. (A.)
- GRIFFITH, Joseph, Chief Administrative Officer, The United Shemeld Hospitals, The Royal Hospital, West Street, Sheffield, 1. (F.)
- GRIFFITH, John R., Chief Administrative Officer, St. Helier Group Hospital Management Committee, St. Helier Hospital, Wrythe Lane, Carshalton, Surrey. (F.)
- GRIFFITHS, A., Superintendent, Gladwyn Hospital, Gresford, Wrexham. (A.)
- GRIFFITHS, A., O.B.E. (Retd.), 31, Constitution Hill, Ipswich. (F.)
- GRIFFITHS, F. A., Assistant Secretary, No. 20 Group Hospital Management Committee, Hospital of St. Cross, Rugby. (O.)
- GRIMBLE, S. B., Assistant Cashier, Norfolk and Norwich Hospital, Norwich. (O.)
- GRIST, E. L., Secretary, Torquay District Hospital Management Committee, East Street, Newton Abbott, South Devon. (F.)

- GRIST, R., Supplies Officer, Croydon Group Hospital Management Committee, Croydon General Hospital, London Road, West Croydon. (F.)
- GROVES, E., Administrative Officer, Coxheath Hospital, Linton, Nr. Maidstone, Kent. (A.)
- GROVES, M. D., Administrative Assistant to the Secretary, Monyhull Hall Hospital Management Committee, Monyhull Hall Road, Birmingham, 14. (A.)
- GROVES, W. J. B., Secretary and Supplies Officer, Central Wirral Hospital Management Committee, Clatterbridge Hospital, Bebington, Wirral, Cheshire. (F.)
- GUMBRELL, W., Assistant Supplies Officer, Banstead Hospital, Sutton, Surrey. (A.)
- GUY, C. J., Steward, Chase Farm, Enfield, Middx. (F.)
- GWILLIAM, H. K., Secretary, South Cheshire Hospital Management Committee, Crewe Memorial Hospital, Crewe. (F.)

H

- HADDOCK, F., Chief Clerk, Royal Albert Hospital, Lancaster. (A.)
- HADFIELD, A. K., Clerk-Steward, Black Notley Hospital, Nr. Braintree, Essex. (F.)
- HAGGIS, C., Acting Superintendent, Woodlands Hospital, Norwich. (A.)
- HAINES, Miss B. I., Secretary, Boston General Hospital, Southend, Boston, Lincs. (F.)
- HALES, C., Honorary Secretary, King Edward VII Memorial Hospital, Hayward's Heath, Sussex. (Honorary Member.)
- HALES, F., Secretary Finance and Supplies Officer, Park Prewett Hospital, Park Prewett, Basingstoke. (F.)
- HALES, L. G., Chief Clerk, St. Martin's Hospital, Midford Road, Bath. (A.)
- HALEY, K., Administrative Assistant to the Secretary, Bradford "A" Group Hospital Management Committee, Bradford Royal Infirmary, Bradford, Yorks. (A.)
- HALL, E. C., Master, Tydfil Lodge Infirmary, Merthyr Tydfil, Glam. (F.)
- HALL, F., Assistant Secretary, Wakefield "A" Group Hospital Management Committee No. 9, Clayton, Hospital, Wakefield, Yorks. (A.)
- HALL, F., Organiser, Industrial Orthopaedic Society, 24/25, Swinton House, 324, Gray's Inn Road, London, W.C.1. (O.)
- HALL, F. N., 15, North Avenue, London, W.13. (A.)
- HALL, H. (Retd.), "Berneval," 16, Cunningham Avenue, St. Albans, Herts. (F.)
- HALL, L. (Retd.), 5, St. Paul's Terrace, Ryhope, Co. Durham. (F.)
- HALL, R. L., D.C.M., M.M., Clerk and Steward, Baguley Sanatorium, Nr. Altrincham, Cheshire, and Baguley Emergency Hospital. (F.)
- HALL, Wm. E., F.C.I.S., Finance Officer to the Board, and Secretary and Accountant, St. George's Hospital, London, S.W.1. (F.)
- HALLOWS, H., Administrative Assistant, Southport and District Hospital Management Committee, Convalescent Hospital, Southport, Lancs. (A.)
- HALLWOOD, G. J., Assistant Storekeeper, Winwick Hospital, Winwick, Nr. Warrington, Lancs. (O.)
- HAMILTON, D. D., Chief Clerk and House Steward, Board of Management for Glasgow Northern Hospitals, Robroyston Hospital, Millerston, Glasgow. (A.)
- HAMILTON, I. J., M.A., C.A., Secretary and Treasurer, Board of Management for Glasgow Victoria Hospitals, Glasgow, C.1. (F.)
- HAMLIN, J. A. (Retd.), Secretary, Western Provincial Cricket Club, Camp Ground Road, Cape Province, South Africa. (F.)
- HAMMERSLEY, H., Secretary, Finance and Supplies Officer, North Staffs. (Mental "B") Hospital Management Committee, Stoke-on-Trent. (A.)
- HAMMOND, D. H., Administrative Assistant, Coleshill Hall, Coleshill, Birmingham. (A.)
- HAMMOND, E. F. (Lt.-Col.), Secretary-Superintendent, The Mothers' Hospital (The Salvation Army), London, E.5. (A.)
- HAMPSTIRE, R. W., A.C.I.S., Assistant Secretary, Bradford "A" Group Hospital Management Committee, St. Luke's Hospital, Bradford, Yorks. (A.)
- HANCHET, E. R., B.A., Secretary, Colchester Group Hospital Management Committee, Colchester. (F.)
- HANCOCK, C. C., D.P.A., Secretary, Southmead General Hospital Management Committee, Bristol. (F.)
- HANCOCK, F. I., F.C.I.S., Accountant, West Bromwich and District Hospital, West Bromwich. (Honorary Member.)
- HANDFORD, G., Steward, St. Mary Islington Hospital, London, N.19. (F.)
- HANKINS, C. A. A., Steward, Hope Hospital, Salford, 6. (F.)
- HANKS, P., Retd., Freemason's Arms, Bondgate, Darlington, Co. Durham. (F.)
- HARDIMAN, J. L., A.C.I.S., Senior Administrative Assistant, Westminster Hospital, London, S.W.1. (A.)
- HARDING, I. L., Secretary, South Somerset Hospital Management Committee, Yeovil, Somerset. (A.)
- HARDMAN, Miss D., Secretary to the Matron, St. Mary's Hospitals, Whitworth Park, Manchester, 13. (O.)
- HARDWICKE, Miss E. E., M.B.E. (Retd.), Peters Field, 62, Hospital Road, Bury St. Edmunds, Suffolk. (F.)
- HARGRAVES, N. C., A.R.San.I., Administrative Assistant, Park Prewett Hospital, Basingstoke. (A.)
- HARGREAVES, J. H., A.C.A., Secretary, Nottingham No. 2 Hospital Management Committee, The City Hospital, Nottingham. (F.)
- HARLING, F. H., Assistant Steward, St. James' Hospital North, Leeds. (A.)
- HARLING, J., Clerk Grade "B," Lancaster Moor Hospital, Lancaster. (O.)
- HARLOW, Miss K. M., Deputy Superintendent, Northampton General Hospital, Northampton. (F.)
- HARMAN, A. H., Assistant Steward, Colindale Hospital, London, N.W.9. (A.)
- HARMAN, G. J., Administrative Assistant, City General Hospital, Sheffield, 5. (A.)
- HARMAN, V. S., Deputy Senior Administrative Officer, City Hospital, Exeter. (A.)
- HARPER, F. W. (Retd.), 52, Hilderthorpe Road, Bridlington, East Yorks. (F.)
- HARPER, W. H., O.B.E., Deputy Chairman, Royal Hospital, Wolverhampton. (Honorary Fellow.)
- HARRIS, Miss E. E., Registration Officer, Royal Gwent Hospital, Newport, Mon. (O.)
- HARRIS, E. W., A.S.A.A., Finance Officer, Colchester Group Hospital Management Committee, Colchester, Essex. (A.)
- HARRIS, H. F., Administrative Assistant and Establishment Officer, Ilford and Barking Hospital Management Committee, King George Hospital, Ilford. (A.)
- HARRIS, M., Administrative Officer, Leavesden Hospital, Abbots Langley, Herts. (A.)
- HARRISON, C. D., Administrative Officer, George Eliot Hospital, Nuneaton, Warwickshire. (F.)
- HARRISON, D., Administrative Assistant, Park Prewett Hospital Management Committee, Basingstoke, Hants. (O.)
- HARRISON, E., Assistant Secretary, No. 11 Dewsbury, Batley and Mirfield Hospital Management Committee; Secretary-Superintendent, Batley and District General Hospital, Batley, Yorks. (A.)
- HARRISON, E., Accountancy Assistant, South Worcestershire Hospital Management Committee, Royal Infirmary, Worcester. (O.)
- HARRISON, R. H., Secretary, Forest Group Hospital Management Committee, Connaught Hospital, Walthamstow, London, E.17. (F.)
- HARRISON, W. B., A.R.San.I., Supplies Officer, Holloway Sanatorium Hospital Management Committee, Holloway Sanatorium, Virginia Water, Surrey. (F.)
- HART, A., Registrar, British Legion Village, Preston Hall Hospital, Douglas House, Bournemouth Annexe and British Legion Sanatorium, Nayland, Colchester. (A.)
- HART, F. T., D.P.A., Superintendent, The Royal Infirmary, Sheffield. (F.)
- HART, J. P., Assistant Director, Paterson General Hospital, Paterson 3, New Jersey, U.S.A. (A.)
- HART, W., First Grade Clerk, Winwick Hospital, Nr. Warrington, Lancs. (O.)
- HARTLAND, F. G., Senior Accounts Clerk, Birmingham Accident Hospital and Rehabilitation Centre, Birmingham, 15. (A.)
- HARTLEY, A., Secretary-Steward, Rose Hill Home Northenden, Manchester. (F.)
- HARTLEY, L., Assistant Secretary, Blackburn and District Hospital Management Committee, Royal Infirmary, Blackburn, Lancs. (F.)
- HARTNOLL, H. R., Second Assistant Clerk, Long Grove Hospital, Epsom, Surrey. (A.)
- HARVEY, F. T., Assistant Secretary, The Central Hospital, Hatton, Warwick. (A.)
- HATTON, H. N., Assistant Clerk, The Central Hospital, Hatton, Nr. Warwick. (O.)

- HAUGHTON, F. M., A.C.A., Secretary, Harrogate and Ripon Hospital Management Committee, Harrogate and District General Hospital, Harrogate, Yorks. (F.)
- HAW, C. C., Superintendent, Marl pits Hospital, Honiton, Devon. (A.)
- HAWKER, W. C. L., A.C.I.S., Senior Administrative Assistant, Mid-Worcestershire Group No. 12 Hospital Management Committee, Acting Administrative Officer, Kidderminster and District General Hospital, Kidderminster. (O.)
- HAWKINS, C. H., Assistant Steward, Bethnal Green Hospital, London, E.2. (A.)
- HAWKSWORTH, G. F. B., Administrative Assistant, Fir Vale Infirmary, Sheffield, 5. (A.)
- HAWORTH, R., Secretary, North Wirral Hospital Management Committee, Leasowe Children's Hospital, Leasowe, Moreton Wirral. (F.)
- HAY, W. N., Supplies and Finance Officer, St. Francis and the Lady Chichester Hospital Management Committee, St. Francis Hospital, Hayward's Heath, Sussex. (A.)
- HAYDEN, W. A., Secretary, Finance and Supplies Officer, The Manor Hospital Management Committee, The Manor Hospital, Epsom, Surrey. (A.)
- HAYDON, K. W., Clerk (Clerical Division), The Hospital, Digbys, Exeter. (O.)
- HAYNES, A. H., Major T.D., Superintendent, The United Sheffield Hospitals, The Edgar Allen Physical Treatment Centre and the Rehabilitation Centre, Sheffield. (F.)
- HAYWARD, T. K., Assistant Secretary, Harrogate and District General Hospital, Harrogate, Yorks. (O.)
- HEALEY, S. M. R., Assistant Administrator, Hillcrest Hospital, Leicester. (A.)
- HEALY, T. W., Assistant Supplies Officer, Storthe's Hall Hospital Management Committee Storthe's Hall, Kirkburton, Nr. Huddersfield, Yorks. (A.)
- HEAP, E. S., Assistant Secretary, The Royal Eye and Ear Hospital, Bradford. (F.)
- HEARDMAN, H., Superintendent, Royal Manchester Children's Hospital, Pendlebury, Nr. Manchester. (F.)
- HEARNE, R. J., Secretary, The Nelson Hospital, London, S.W.20. (A.)
- HEASMAN, G. R. L., Deputy Assistant Secretary, King Edward VII Hospital, Windsor. (A.)
- HEASMAN, R. W., Assistant Clerk and Steward, White Lodge Hospital, Newmarket. (A.)
- HEATH, F. C., Administrative Assistant, South Worcester Hospital Management Committee, Worcester Royal Infirmary, Worcester. (A.)
- HEATHCOTE, Miss B. M., Typist, Royal South Hants and Southampton Hospital, Southampton. (O.)
- HEDGER, L. W., F.C.I.S., Secretary and Finance Officer, Royal Western Counties Institution Hospital Management Committee, The Royal Institution, Starcross, Devon. (F.)
- HELD, E. C., Secretary, Group No. 52 Hospital Management Committee, Holloway Sanatorium, Virginia Water, Surrey. (F.)
- HEMER, W., Secretary, St. Martin's Hospital, Bath. (F.)
- HEMING, J. P., B.A. (Cantab.), Secretary, Moorfields, Westminster and Central Eye Hospital, London, E.C.1. (F.)
- HENDERSON, Comdr. R.N. (Retd.), J. T., Secretary, Wingfield Morris Orthopaedic Hospital Management Committee, Wingfield Morris Orthopaedic Hospital, Headington, Oxford. (F.)
- HENDICOTT, R., Administrative Assistant, Brentwood Mental Hospital, Brentwood, Essex. (O.)
- HENDREY, H. D., Supplies Assistant, Little Plumstead Hall, Nr. Norwich, Norfolk. (A.)
- HENNESSY, O. T., Administrative Assistant, West Park Hospital, Epsom, Surrey. (A.)
- HENRY, Brig. T. R., C.B.E., Secretary, No. 1 Group Hospital Management Committee, Newmarket, Suffolk. (F.)
- HEPPELL, K. G., A.C.A., House Governor and Secretary to Board of Governors, Royal Free Hospital, London, W.C.1. (A.)
- HEPWORTH, G. A., F.C.I.S., Secretary, Ilford and Barking Group Hospital Management Committee, King George Hospital, Ilford, Essex. (F.)
- HERBERT, C. R., Administrative Officer, Supplies Department, Fulham and Kensington Hospital Management Committee, St. Mary Abbot's Hospital, London, W.8. (A.)
- HERBERT, H. S., Treasurer, Oxford Regional Hospital Board, Oxford. (A.)
- HEWLETT, F. H., Steward, Central Homes Hospital, Pontypriid, Glam. (A.)
- HEYES, Miss C. M., Senior Financial Assistant, The Royal Albert Hospital, Lancaster. (A.)
- HIBBERT, R. O., A.C.I.S., Administrative Assistant, Rotherham and Mexborough Hospital Management Committee, Montagu Hospital, Mexborough, Yorks. (O.)
- HIBBIN, A. C., Storekeeper, St. Augustine's Hospital, Chartham, Nr. Canterbury, Kent. (O.)
- HICKS, Miss J., Confidential Secretary to General Superintendent, Bolton Royal Infirmary, Bolton, Lancs. (O.)
- HICKS, W. J. N., Administrative Assistant, Lewisham Group Hospital Management Committee, Lewisham Hospital, London, S.E.13. (A.)
- HIGGINS, S. F., Assistant Steward, St. Mary's Hospital, Milton, Portsmouth. (A.)
- HIGGINSON, S. G., Assistant Steward, Crumpsall Hospital, Manchester. (A.)
- HIGGS, W. A., Secretary to Management Committee and Supplies Officer, Whittingham Hospital, Whittingham, Nr. Preston. (F.)
- HIGHETT, H. A. A., Supplies Officer, Carshalton Hospital Management Committee, Queen Mary's Hospital for Children, Carshalton, Surrey. (F.)
- HILDER, R. G., Supplies Officer, Woolwich Group Hospital Management Committee; Steward, St. Nicholas Hospital, London, S.E.25. (F.)
- HILL, H., Deputy Secretary, Preston and Chorley Hospital Management Committee, Preston Royal Infirmary, Preston, Lancs. (A.)
- HILL, H. S., Senior Administrative Assistant, Victoria Hospital, Mansfield, Notts. (A.)
- HILL, J., A.R.San.I., Clerk of the Hospital, Menston Hospital, Nr. Leeds. (F.)
- HILL, Miss M., Assistant Secretary, Wembley Hospital, Fairview Annexe, Wembley, Middx. (O.)
- HILL, S. C., G.M., F.C.I.S., Secretary, Coventry Hospital Management Committee, and House Governor, Coventry and Warwickshire Hospital, Coventry. (F.)
- HILL, S. G., LL.B., D.P.A., Secretary, Northampton and District Hospital Management Committee, and Superintendent, The General Hospital, Northampton. (A.)
- HILL, W., House Superintendent, Royal Maternity and Women's Hospital, Glasgow, C.4. (F.)
- HINCHCLIFFE, J. H., Deputy Supplies Officer, York (A) and Tadcaster Hospital Management Committee, Bootham Park, York. (A.)
- HINCHCLIFFE, F., Superintendent, County Institution, Grantham, Lincs. (A.)
- HINDLE, E. F. B., Secretary, Lancaster and Kendal Hospital Management Committee, Lancaster. (F.)
- HINDLE, J. R., A.C.A., Finance Officer, Preston and Chorley Hospital Management Committee, Royal Infirmary, Preston, Lancs. (A.)
- HINDLE, J. T., First Grade Clerk, Calderstones Whalley, Nr. Blackburn, Lancs. (O.)
- HINDMARCH, T., Chief Officer, Lee Hill Hospital, Lanchester, Co. Durham. (F.)
- HINE, J., A.C.I.S., Assistant Secretary, Mount Vernon Hospital and the Radium Institute, Northwood, Middlesex. (A.)
- HINE, Mrs. K. J., Accountant, Mount Vernon Hospital and the Radium Institute, Northwood, Middx. (A.)
- HISCOCK, L., Assistant Secretary and Clerk of the Hospital, Powick Mental Hospital, Powick, Nr. Worcester. (F.)
- HOADLEY, A. L., Assistant Clerk (Supplies), Stone House, Dartford, Kent. (A.)
- HOBBS, F. D. (Retd.), 35 Ederlina Avenue, London, S.W.16. (F.)
- HODGES, A. E. R., D.P.A., Finance Officer, South Somerset Hospital Management Committee, Yeovil. (A.)
- HODKINSON, S., D.P.A. (Lond.), Secretary, Rochdale and District Hospital Management Committee, Rochdale, Lancs. (A.)
- HOGG, H., A.C.I.S., Assistant Administrative Officer, Board of Management for Glasgow Royal Infirmary and Associated Hospitals, Belvidere Hospital, Glasgow. (A.)
- HOGGER, P. A., B.Sc.(Econ.), Deputy Steward and Accounting Officer, North Eastern Hospital, London, N.17. (A.)
- HOLBURN, E. L. F., Secretary, Salisbury Group Hospital Management Committee, Salisbury General Infirmary, Salisbury, Wilts. (F.)
- HOLDEN, J., Assistant Secretary, Storthe's Hall Group No. 12 Hospital Management Committee, Storthe's Hall, Kirkburton, nr. Huddersfield. (A.)
- HOLDSTOCK, J. S., Administrative Officer, Newbury No. 4 Area and Cold Ash No. 5 Area House Committees, Newbury District Hospital, Newbury, Berks. (A.)
- HOLE, H. B., Finance Officer, Stoke Park Colony Group Hospital Management Committee, Clevedon, Somerset. (A.)

- HOLLIDAY, E., Supplies Officer, Queen Charlotte's and Chelsea Hospitals, London, W.6. (A.)
- HOLLOMAN, W. W., Supplies Officer, Wigan and Leigh Hospital Management Committee, Wigan, Lancs. (A.)
- HOLLOWAY, A. D., Deputy Clerk and Steward, Botley's Park Colony, Chertsey, Surrey. (A.)
- HOLMAN, B. J., Grade "B" Clerk, Exminster Hospital, Exminster, Exeter, Devon. (O.)
- HOLMES, A. W. G., Supplies Officer, Group No. 22 Hospital Management Committee, Royal London Homeopathic Hospital London, W.C.1. (A.)
- HOLMES, Miss C. E., Assistant Secretary, Westminster Children's Hospital, London, S.W.1. (A.)
- HOLROYD, Miss M., Deputy Clerk of the Hospital, Parkside Hospital, Macclesfield. (A.)
- HOLT, E., Steward, Radcliffe Infirmary, Oxford. (A.)
- HOLT, G. T., Secretary Superintendent, North Ormesby Hospital, Middlesbrough. (A.)
- HOOD, W. J., Finance Officer and Assistant Secretary, York "B" Hospital Management Committee, Clifton Hospital, Clifton, York. (A.)
- HOOK J., Steward, Southern Hospital, Dartford, Kent. (F.)
- HOOTON, D. J., Assistant Secretary, Purley and District War Memorial Hospital, Purley, Surrey. (A.)
- HOPE, G. T., Storekeeper, Central Hospital, Hatton, Nr. Warwick. (O.)
- HOPGOOD, F. G., M.B.E. (Retd.), 25, Florence Road, Brighton, 6, Sussex. (F.)
- HOPGOOD, J. G., Assistant Clerk, Shenley Hospital, Shenley, Nr. St. Albans, Herts. (O.)
- HOPGOOD, L. F., Administrative Assistant, Banstead Hospital, Sutton, Surrey. (O.)
- HOPKINSON, C., Administrator, Watford and District Peace Memorial Hospital, Watford, Herts. (A.)
- HOPPER, Miss E., Clerk, The "Cedars" Hospital, Woodthorpe, Nottingham. (O.)
- HOPWOOD, W. C. F., A.C.I.S., Secretary, Redhill Group Hospital Management Committee, Redhill, Surrey. (F.)
- HORNBY, M., Committee Member, King's College Hospital, London, S.E.5. (*Honorary Member.*)
- HORNE, J. G., Assistant Steward, Dudley Road Hospital, Birmingham. (A.)
- HORTON, A. T., Secretary and Supplies Officer, Great Barr Park Hospital Management Committee, St. Margaret's Hospital, Birmingham, 22A. (F.)
- HOUSE, A., Administrative Officer, The Infirmary, Stockport, Lancs. (A.)
- HOUSTON, B., Administrative Assistant, Welsh Regional Hospital Board Cardiff. (A.)
- HOWARD, W. S., Chief Administrative Assistant, Darenth and Stone Hospital Management Committee, Stone House, Nr. Dartford, Kent. (A.)
- HOWELLS, O. C., Secretary Superintendent, Swansea General and Eye Hospital, Swansea. (F.)
- HOWICK, A. A., Secretary, Preston Hall Hospital Management Committee, Secretary and Administrator, British Legion Village, Preston Hall, Nr. Maidstone, Kent. (F.)
- HOWICK, R. W., Secretary, Lincoln No. 1 Hospital Management Committee, County Hospital, Lincoln. (A.)
- HOWSE, R. W. G., Administrative Staff, Hortham-Brenty Hospital Management Committee, Hortham Colony, Almondsbury, Nr. Bristol. (O.)
- HOYLE, C. R., Secretary and Finance Officer, Winwick and Newchurch Hospital Management Committee, Winwick Hospital, Nr. Warrington, Lancs. (F.)
- HOYLE, H., Secretary, St. Helen's Hospital, Hastings, Sussex. (A.)
- HUBBARDE, Miss H. M., Senior Clerk, Accounts Department, United Cardiff Hospitals, Royal Infirmary, Cardiff. (O.)
- HUBBARDE, H. O., M.M., Accountant and Cashier, Royal Infirmary, Cardiff. (A.)
- HUDDY, C. G., Steward, Lambeth Hospital, London, S.E.11. (F.)
- HUGEN-TOBLER, D. A., A.C.I.S., Warden, Clapham Park Rehabilitation Centre, Clapham, Nr. Bedford. (A.)
- HUGGETT, W., The Kirkdale Homes, Liverpool, 4. (A.)
- HUGHES, A. E., Lay Superintendent, The Royal Alexandra Infirmary, Paisley. (A.)
- HUGHES, F., Administrative Assistant, St. Mary's Hospital, Armley, Leeds, 12. (A.)
- HUGHES, G. A., Secretary, Portsmouth Group Hospital Management Committee, Portsmouth. (F.)
- HUGHES, I. C., Assistant Secretary, West Dorset Group Hospital Management Committee, Dorset County Hospital, Dorchester. (A.)
- HUGHES, R. F., Administrative Assistant, Meanwood Park Colony, Leeds, 6. (A.)
- HUGHES, R. J., Secretary, Greenwich and Deptford Hospital Management Committee, St. Alfeges Hospital, London, S.E.10. (F.)
- HUGO, H. J., M.D., Medical Director of Public Hospitals for the Transvaal, 280, Olivier Street, Pretoria, South Africa. (F.)
- HULBERT, D. J., Senior Supplies Assistant, Warlingham Park Hospital, Warlingham, Surrey. (A.)
- HULBERT, R. J., A.S.A.A., A.I.M.T.A., A.C.I.S., Finance Officer, Taunton; Bridgwater, Minehead and Butleigh, and Sandhill Park Hospital Management Committees. (A.)
- HULL, L. B., Secretary, Weston-super-Mare Hospital Management Committee, Weston-super-Mare. (F.)
- HULLIN, A. G., Supplies Assistant, Glantawe Hospital Management Committee, Swansea Hospital, Swansea. (A.)
- HUMPHERSON, R. N., Administrative Assistant, Royal Sussex County Hospital, Brighton. (A.)
- HUMPHREYS, E., Finance Officer, Chester and District Hospital Management Committee, Chester. (A.)
- HUMPHRIES, C. F., Deputy Supplies Officer, Bermondsey and Southwark Hospital Management Committee, New Cross General Hospital, London, S.E.14. (A.)
- HUMPHRY, W. M., "Trewince," Port Navas, Falmouth, Cornwall. (*Honorary Member.*)
- HUMPHREYS, L. J., Administrative Assistant, Epsom and District Hospital Management Committee, Epsom. (A.)
- HUNT, F., Secretary, Finance Officer and Supplies Officer, Banstead Hospital Management Committee, Banstead Hospital, Sutton, Surrey. (O.)
- HUNT, F. J., Senior Administrative Assistant, Bristol Mental Hospital, Fishponds, Bristol. (A.)
- HUNT, P. I., Supplies Officer, Brighton and Lewes Hospital Management Committee, c/o Brighton General Hospital, Brighton, Sussex. (F.)
- HUNT, P. L. W., Administrative Officer, Old Windsor Hospital, Windsor, Berks. (A.)
- HUNT, W., Secretary, Manchester Hospital for Consumption and Diseases of the Throat and Chest, Manchester. (A.)
- HUNTER, Lt.-Col. H., Secretary, Bristol Homoeopathic Hospital Management Committee, The Homoeopathic Hospital, Bristol. (F.)
- HUNTER, R., Grade "B" Clerk, Whittingham Hospital, Nr. Preston, Lancs. (A.)
- HUNTLEY, M. J., B.A.(Oxon.), Secretary, West Ham Group Hospital Management Committee, Queen Mary's Hospital, London, E.15. (F.)
- HURFORD, G., Secretary and Chief Administrative Officer, United Birmingham Hospitals and House Governor, Queen Elizabeth Hospital, Edgbaston, Birmingham, 15. (F.)
- HURLEY, W. V., Assistant Steward, Mid-Glamorgan County Hospital, Bridgend, Glam. (A.)
- HURRELL, R. B., Deputy Secretary, Lambeth Group Hospital Management Committee, London, S.E.11. (A.)
- HURST, E. H., Secretary and Chief Administrative Officer, Bermondsey and Southwark Hospital Management Committee, New Cross General Hospital, London, S.E.14. (F.)
- HURST, H. R., Secretary, Dudley, Stourbridge and District Group Hospital Management Committee; House Governor and Secretary, The Guest Hospital, Dudley. (F.)
- HURST, T. W., A.C.I.S., Secretary, Wigan and Leigh Hospital Management Committee, Wigan, Lancs. (F.)
- HUSBAND, W., Finance Officer, Chesterfield Hospital Management Committee, Chesterfield. (A.)
- HUTCHINGS, A. S., F.R.Econ.S., M.R.I.P.H.H., A.R.San.I., Senior Administrative Assistant, Hertford British Hospital, Levallois-Perret (Seine), France. (O.)
- HUTCHINSON, T. F., Second Assistant Clerk and Steward, Mapperley Hospital, Nottingham. (O.)
- HUTTON, C. J. M., Deputy Clerk and Steward, St. Helier Hospital, Carshalton, Surrey. (A.)
- HUTTON, R. L., Secretary and Treasurer to the Board of Management for Greenock and District Hospitals, Greenock. (F.)
- HYDE, Miss K. L., B.A.(Lond.), Secretary, Alexandra Hospital for Children with Hip Disease, Stockwood Park, Luton, Beds. (F.)

- ICKERINGILL, W. J. C., Secretary Superintendent, Royal Dental Hospital of London, W.C.2. (A.)
- IKIN, C. R., Clerk and Steward, Calderstones, Whalley, Nr. Blackburn, Lancs. (F.)
- INCE, D. G., Deputy Clerk of the Hospital, The Mental Hospital, Barnsley Hall, Broomsgrove. (O.)

- INCE, H., Senior Administrative Officer, Warrington Infirmary, Warrington, Lancs. (O.)
- INCE, J. I. C., Secretary, Woolwich Group Hospital Management Committee, and House Governor, The Memorial Hospital, London, S.E.18. (F.)
- INCH, F., O.B.E. (Retd.), 46, Eaton Road, Norwich. (F.)
- INGLE, C. S., Senior Administrative Assistant, St. James' Hospital, Milton, Portsmouth. (A.)
- INGLETON, C. J., Principal Storekeeper, Saxondale Hospital, Radcliffe-on-Trent. (O.)
- INGRAM, F. J., Finance Officer, Nottingham No. 3 Hospital Management Committee and Clerk and Steward, Mapperley Hospital, Nottingham. (F.)
- INGRAM, H. E., Clerk and Steward, Carlton Hayes Hospital, Narborough, Leics. (A.)
- INGRAM, Miss J., Deputy Records Officer, Royal Free Hospital, London, W.C.1. (A.)
- INMAN, H., Assistant Secretary, Leeds (A) Group Hospital Management Committee, St. James' Hospital, Leeds, 9. (A.)
- IRESON, E. E., Steward, Forest Gate Hospital, London, E.7. (F.)
- IRWIN, Miss J., M.A., Secretary and Superintendent, Dental Hospital, Manchester. (F.)
- IVES, A. G. L., M.V.O., Secretary, King Edward's Hospital Fund for London, E.C.2. (F.)
- IVES, E. J., Deputy Secretary, Southampton Group Hospital Management Committee, Royal South Hants and Southampton Hospital, Southampton. (O.)
- IVES, R. C., Deputy Clerk and Steward, St. John's Hospital, Stone, Nr. Aylesbury. (A.)
- IVORY, B. W., 8, Ardilaun Road, Highbury, London, N.5. (A.)
- IZZARD, C. (Retd.), "Homeways," Chapman's Hill, Meopham, Nr. Gravesend, Kent. (F.)
- J**
- JACKSON, C. F., Assistant Secretary, Horton Hospital, Epsom, Surrey. (A.)
- JACKSON, Miss E., Almoner, Scunthorpe and District War Memorial Hospital, Scunthorpe, Lincs. (O.)
- JACKSON, G. W., Secretary, Kettering and District Hospital Management Committee, General Hospital, Kettering. (F.)
- JACKSON, M. L., Assistant Superintendent, St. John's Hospital, Chelmsford, Essex. (A.)
- JACKSON, T., Stores Clerk, Rainhill Hospital, Lancs. (O.)
- JACKSON, T. S. (Comdr.) (Retd.), Secretary, Bournemouth and East Dorset Hospital Management Committee and Secretary, Cornelia and East Dorset Hospital, Poole, Dorset. (F.)
- JACKSON, Miss V. M., Chief Clerk in Registration Office, Royal Surrey County Hospital, Guildford, Surrey. (O.)
- JACKSON, W. H., Superintendent, Welfare Service Department, The Retreat, Rye Hill, Surrey. (A.)
- JACOB, B. W., Grade "B" Clerk, Bromham House Colony, Nr. Bedford. (O.)
- JACOBS, J. (Retd.), 184, Cargill Street, Dunedin, C.2, New Zealand. (O.)
- JAMES, A. H., Secretary, Finance Officer and Supplies Officer, St. Crispin Hospital Management Committee, St. Crispin Hospital, Duston, Northampton. (F.)
- JAMES, D. T., Secretary, Cell Barnes and Middlesex Colony Management Committee, Shenley, Nr. St. Albans, Herts. (A.)
- JAMES, M. A., Administrative Assistant, St. Lawrence's Hospital, Bodmin, Cornwall. (A.)
- JAMES, W. A., Secretary, South Warwickshire Hospital Management Committee, Leamington Spa. (F.)
- JAMIESON, N., Steward, Belmont Road Hospital, Liverpool, 6. (A.)
- JAMISON, D. G., Secretary and Treasurer, Board of Management for Motherwell, Hamilton and District Hospitals, Motherwell, Lanarkshire. (F.)
- JANES, F. R., Assistant to Superintendent, Guy's Hospital, London, S.E.1. (A.)
- JARRED, R. A. H., Assistant Clerk, Warlingham Park Hospital, Warlingham, Surrey. (A.)
- JARVIS, T. E., Assistant Secretary, Barnet Group Hospital Management Committee, and House Governor, Finchley Memorial Hospital, London, N.12. (A.)
- JEFFERIES, E. J. (Retd.), 54, The Vale, Northampton. (F.)
- JEFFRIES, L. W., Supplies Officer, Barnet Group Hospital Management Committee, Barnet, Herts. (A.)
- JENKINS, E. B., Secretary, Newcastle-on-Tyne Regional Hospital Board, Newcastle-on-Tyne. (F.)
- JENKINS, H. V., 1st Assistant Clerk and Steward, Pen-y-Val Hospital, Abergavenny. (A.)
- JENNER, H. G., Assistant Superintendent, Pontefract County Welfare Institution, Pontefract, Yorks. (A.)
- JENNINGS, F., Secretary, Southampton Group Hospital Management Committee, Southampton. (F.)
- JINMAN, L. C., Administrative Assistant, Fountain Hospital, Tooting Grove, London, S.W.17. (A.)
- JOBLING, C. R., Deputy Administrative Officer, Howbeck Hospital, West Hartlepool. (A.)
- JOHNS, G. A., Assistant Secretary, Chesterfield and North Derbyshire Royal Hospital, Chesterfield. (A.)
- JOHNSON, B. C. T., Assistant Finance Officer, West Park Hospital, Epsom, Surrey. (A.)
- JOHNSON, C., Secretary, Monsall Hospital, Manchester, 10. (F.)
- JOHNSON, C. A., 17, Fourth Avenue, Hove, 3, Sussex. (A.)
- JOHNSON, F., M.B.E., Supplies Officer, South Shields District Hospital Management Committee, Ingham Infirmary, South Shields. (A.)
- JOHNSON, H. J., A.C.I.S., Secretary, Huddersfield Group Hospital Management Committee, The Royal Infirmary, Huddersfield, Yorks. (F.)
- JOHNSON, J. H. (Capt.) (Retd.), 3, Winchester House, Osborne Road, Windsor. (F.)
- JOHNSON, K. J., House Governor, The Bethlem Royal Hospital and Maudsley Hospital, London, S.E.5. (F.)
- JOHNSON, Miss O., Administrative Staff, Goodmayes Hospital, Ilford, Essex. (O.)
- JOHNSON, S. W., F.C.I.S., Secretary, Cromer Area Hospital Management Committee, Cromer, Norfolk. (A.)
- JOHNSON, T. C. M., Secretary and Supplies Officer, Papworth Hospital Management Committee Group No. 2, and Secretary and Supplies Officer, Papworth Village Settlement, Cambridge. (F.)
- JOHNSON, V., Assistant Secretary, Stoke-on-Trent Hospital Management Committee, Stoke-on-Trent. (A.)
- JOHNSTON, D. Mc.I., C.A., Secretary and Treasurer Boards of Management for Bellsdyke Mental Hospital and the Royal Scottish National Institution, Larbert. (F.)
- JOHNSTON, J. K., B.L., Assistant Secretary, Eastern Regional Hospital Board Scotland, Dundee. (A.)
- JOHNSTONE, K. M., Deputy Administrative Officer Canadian Red Cross Memorial Hospital, Taplow Maidenhead, Berks. (A.)
- JOLLY, C. R., A.R.San.I., Secretary, Paddington Group Hospital Management Committee, Paddington Hospital, London, W.9. (F.)
- JONAS, A. K., Clerk and Steward, Poole Sanatorium, Nunthorpe, Middlesbrough. (F.)
- JONES, A., Secretary, Doncaster Hospital Management Committee, Doncaster Royal Infirmary, Doncaster. (A.)
- JONES, D. G., Administrative Assistant, Glamorgan Mental Hospital, Bridgend, Glam. (A.)
- JONES, D. N., Assistant Steward, The Mental Hospital, Powick, Nr. Worcester. (O.)
- JONES, F. T., Administrative Assistant, Chelsea Group Hospital Management Committee, St. Luke's Hospital, London, S.W.3. (A.)
- JONES, G. J., House Governor and Secretary to the Board of Governors, Charing Cross Hospital, London, W.C.2. (F.)
- JONES, G. W., Assistant Secretary, Manchester Regional Hospital Board, Manchester. (A.)
- JONES, H. H., Secretary and Finance Officer, Stafford Hospital Management Committee, Stafford. (A.)
- JONES, Capt. H. R., Steward, St. Andrew's Hospital, Northampton. (A.)
- JONES, H. W., Treasurer, Leeds Regional Hospital Board, Leeds, 2. (A.)
- JONES, H. W., Secretary, Market Harborough and District Hospital, Market Harborough. (O.)
- JONES, H. W. B., Deputy Steward, Dulwich Hospital, London, S.E.22. (A.)
- JONES, J. P., Finance Officer, West Herts Group, Hospital Management Committee, Watford, Herts. (A.)
- JONES, O. H., Deputy Clerk and Steward, Cranage Hall, Holmes Chapel, Crewe, Cheshire. (A.)
- JONES, R. G., Administrative Staff and Queen Elizabeth Hospital Gateshead, Co. Durham. (A.)
- JONES, T. A., Secretary, Newport and East Monmouthshire Hospital Management Committee, Newport, Monmouthshire. (A.)
- JONES, T. L., Superintendent Barony Hospital, Nantwich, Cheshire. (F.)
- JONES, W., Secretary Wrexham Hospital Management Committee, Wrexham Emergency and Croesnewydd Hospitals, Wrexham, Denbighshire. (F.)

JONES, W. E., Grade "C" Clerk, Parkside Mental Hospital, Macclesfield, Cheshire. (A.)
 JORDAN, J., Clerk, Purdysburn Fever Hospital, Belfast, Northern Ireland. (F.)
 JORDAN, W. G., Acting Steward, Park Hospital, Hither Green, London, S.E.13. (A.)
 JOSEPH, Miss M. F., Deputy Head Almoner, Central Middlesex Hospital, London, N.W.10. (*Honorary Member.*)
 JOSLIN, W. D., Deputy House Governor, The Royal Infirmary, Bradford. (A.)
 JOY, K. H., Supplies Officer, Central Middlesex Group Hospital Management Committee, Central Middlesex Hospital, London, N.W.10. (A.)
 JUBY, J. C., Storekeeper, Hellesdon Hospital, Norwich. (O.)

K

KAY, C. S., Secretary, Prestwood Sanatorium, Nr. Stourbridge, Worcs. (A.)
 KAY, M. D., Chief Administrative Officer, Kent and Canterbury Hospital, Canterbury, Kent. (A.)
 KEARN, N. A., Deputy Secretary, Bristol Mental Hospital, Fishponds, Bristol. (A.)
 KEARNS, C. F., Secretary, Guildford Hospital Management Committee, St. Luke's Hospital, Guildford, Surrey. (A.)
 KEATES, A. H., F.C.I.S., Secretary, South Manchester Hospital Management Committee and Superintendent and Secretary, Christie Hospital and Holt Radium Institute, Manchester. (F.)
 KEATES, E., Superintendent, Schools for Blind, Liverpool, L. (A.)
 KEECH, J. T., Administrative Assistant, Shooters Hill Memorial Hospital, London, S.E.18. (A.)
 KEEN, E. D., Accountant, Ministry of Pensions Hospital, Chapel Allerton, Leeds. (A.)
 KEEN, O. S. (Retd.), "Torver," 4, Beechwood Avenue, St. Albans, Herts. (A.)
 KEEPE, S. N., Assistant Secretary, Royal West Sussex Hospital, Chichester. (O.)
 KEETON, H. E., Master and Chief Officer, Victoria Hospital, Mansfield, Notts. (A.)
 KELLY, J., Administrative Assistant, Board of Management for Glasgow Western Hospitals, Glasgow, C.3. (A.)
 KELLY, J. B., Finance Officer, Barnet Group Hospital Management Committee, Barnet, Herts. (A.)
 KELLY, T. F., Secretary, Runwell Mental Group Hospital Management Committee, Runwell Hospital, Nr. Wickford, Essex. (F.)
 KELLY, W. R., M.I.H., Administrative Assistant to the Director of Tuberculosis Services, Northern Ireland Tuberculosis Authority, Belfast, Northern Ireland. (A.)
 KEMPTON, Miss M., Secretary's Assistant, Samaritan Free Hospital for Women, London, N.W.1. (O.)
 KENDALL, N. E., Supplies Officer, Cambridge and Newmarket Hospital Management Committee, White Lodge Hospital, Newmarket, Suffolk. (F.)
 KENNADY, C. S., Secretary-Superintendent, Newcastle-on-Tyne Eye Hospital, House Governor and Secretary, Throat, Nose and Ear Hospital, Newcastle-on-Tyne. (F.)
 KENNETT, P. S., Principal Secretarial Assistant, Warlingham Park Hospital, Warlingham, Surrey. (O.)
 KENT, J. F., Secretary, Canterbury Group Hospital Management Committee, Canterbury, Kent. (F.)
 KENYON, G. A., Secretary-Superintendent, North Riding Infirmary, Middlesbrough, Yorks. (F.)
 KER, C. M., O.B.E., B.A.(Oxon), Secretary, South-Eastern Metropolitan Regional Hospital Board, London. (F.)
 KEW, Miss I. A., A.C.I.S., Assistant Secretary, Doncaster Royal Infirmary, Doncaster, Yorks. (A.)
 KEY, K. F., Assistant Secretary, Bishop's Stortford Hospital, Rye Street, Bishop's Stortford, Herts. (O.)
 KEY, P. G., Senior Clerk, Harmston Hall Colony, Harmston, Nr. Lincoln. (A.)
 KEY, W. G., Secretary, Lincoln No. 3 Hospital Management Committee, Lincoln. (F.)
 KEYTE, S. W., Assistant Secretary, South Ockenden Group Hospital Management Committee, Leytonstone House, London, E.11. (A.)
 KILLICK, R. H., A.S.A.A., Finance Officer, Boston Group, Hospitals Management Committee, Boston, Lincs. (A.)
 KILSHAW, A., Administrative Assistant, Brockhall Institution, Langho, Nr. Blackburn, Lancs. (A.)
 KING, E. S., Finance Officer, Romford Group (No. 13) Hospital Management Committee, Romford, Essex. (A.)

KINGSLEY, J. P., Assistant Administrative Officer, Battle Hospital, Reading, Berks. (A.)
 KINGSNORTH, R., Secretary-Superintendent, Hove General Hospital, Hove, 3, Sussex. (A.)
 KINNAIRD, J., M.A. B.L., C.A., Secretary and Treasurer, Board of Management for Edinburgh Central Hospitals, Edinburgh. (A.)
 KIRBY, J. P., Administrative Assistant, Horton Hospital, Epsom Surrey. (A.)
 KITCHEN, J. H., Chief Financial Officer, Reading and District Hospital Management Committee, Royal Berkshire Hospital, Reading. (A.)
 KITCHING, G. R., Assistant Supplies Officer, Clifton Hospital, York. (A.)
 KNAPP, K. N., House Governor and Secretary, Swindon and North Wilts Victoria Hospital, Swindon. (F.)
 KNIGHT, B. T., Assistant Clerk, Hellingly Hospital, Hellingly, Nr. Hailsham, Sussex. (A.)
 KNIGHT, C. J., Deputy Secretary, Barrow Hospital, Barrow Gurney, Nr. Bristol. (A.)
 KNIGHT, F., A.R.San.I., Supplies Officer, Sidcup and Swanley Group Hospital Management Committee, Queen Mary's Hospital, Sidcup, Kent. (A.)
 KNIGHT, J. D., Administrative Officer, The Lister Hospital, Hitchin, Herts. (A.)
 KNOWLES, L. J., Secretary to the Management Committee and House Governor of the Hospital, Royal London Homoeopathic Hospital, London, W.C.1. (F.)

L

LADBROOK, P. G., Secretary-Superintendent, Pouchlands Hospital, South Common, Chailey Nr. Lewes, Sussex. (F.)
 LAIDLAW, J., A.C.I.S., Assistant Secretary and Treasurer, Board of Management, Edinburgh Central Hospitals, Edinburgh. (O.)
 LAING, D. L., Secretary and Treasurer, Board of Management, Glasgow South Western Hospitals, Glasgow, S.W.1. (A.)
 LAIRD, H. R. M. (Capt.) (Retd.), Shortlands, Bahati, c/o P.O. Box 142, Nakuru, Kenya. (F.)
 LAMB, Miss F. M., 77a, Mount Road, Fleetwood, Lancs. (O.)
 LAMB, Miss G. (Retd.), Gelf, Hollow Lane, Hitchin, Herts. (A.)
 LAMB, H., Deputy Secretary to the Grimsby Hospital Management Committee, and Administrative Officer, Grimsby General Hospital, Grimsby. (A.)
 LAMB, H. N., Administrative Assistant, Queen Elizabeth Hospital (Birmingham United Hospitals), Edgbaston, Birmingham, 15. (A.)
 LAMB, S. R. (Retd.), M.B.E., F.C.I.S., Overdale, Ripple, nr. Dover, Kent. (*Honorary Fellow.*)
 LAMBERT, A. W., Administrative Staff, St. Ebba's Hospital, Epsom, Surrey. (A.)
 LAMBERT, C. W., Superintendent, Springwell House, Balby, Doncaster. (A.)
 LAMBERT, J. R., Deputy Clerk and Steward, Menston Hospital, Menston, Leeds. (O.)
 LAMBOURNE, S. F. W., Secretary, St. Ebba's and Sutton Group Hospital Management Committee, Belmont Hospital, Sutton, Surrey. (A.)
 LANCASTER, T., Clerk and Steward, The Mental Hospital, Garlands, Carlisle. (O.)
 LANCASTER-GAYE, L. W. (Retd.), The Old House, East Hoathly, Nr. Lewes, Sussex. (F.)
 LAND, L. F., 41, Lee Road, Blackheath, London, S.E.3. (A.)
 LANGLEY, C. H., Secretary, Hospital for Tropical Diseases and Assistant Secretary, University College Hospital, London, W.C.1. (A.)
 LANGSTON, N. W., Assistant Secretary, Gloucestershire Royal Infirmary and Eye Institution, Gloucester. (A.)
 LANHAM, A. C., Supplies Officer, Bath Hospital Management Committee, Manor Hospital, Coombe Park, Bath. (A.)
 LANKESTER, Mrs. V., Ermyn Cottage, 2, Clinton Road, Leatherhead, Surrey. (A.)
 LANSDOWN, C. F., Supplies Officer, Nottingham No. 2 Hospital Management Committee, City Hospital, Nottingham. (F.)
 LAPAGE, R. P., Senior Clerk, The United Cambridge Hospitals, Addenbrooke's Hospital, Cambridge. (A.)
 LARGE, Miss M. E., Accountant, Hospital of St. Cross, Rugby. (O.)
 LARKING, ROBERT C., M.B.E., Assistant Secretary, Staines Group Hospital Management Committee, Ashford Hospital, Ashford, Middlesex. (A.)
 LARKING, ROLAND C., F.C.A., Chairman of Finance Committee, Norfolk and Norwich Hospital, Norwich. (*Honorary Member.*)

- LAW, Miss A. E., Acting Group Records Officer, Bradford "A" Group Hospital Management Committee, Bradford, Yorks. (O.)
- LAWRENCE, Miss B., Accountancy Assistant, York "A" and Tadcaster Hospital Management Committee, York. (O.)
- LAWRENCE, B. S., Steward, Whipps Cross Hospital, London, E. (F.)
- LAWRENCE, M., Deputy Clerk and Steward, Brockhall (Certified Institution for Mental Defectives), Langho, Nr. Blackburn. (A.)
- LAWSON, C., Finance Officer, Keighley, Skipton and Settle Group Hospital Management Committee, Skipton and District Hospital Skipton, Yorks. (F.)
- LAWSON, R. E., F.C.I.S., F.S.S., Assistant to the Honorary Secretary, Royal Masonic Hospital, London, W.6. (A.)
- LAWSON, R. M., T.D., Assistant Secretary South, Eastern Regional Hospital Board, Edinburgh 3, Scotland. (A.)
- LAWTHER, A., Secretary, North West Durham Hospital Management Committee, Shotley Bridge Hospital, Co. Durham. (A.)
- LAWTON, Miss E., Secretary, North Staffs Mental (A.) Group Hospital Management Committee and Clerk of the Hospital, St. Edward's Hospital Cheddleton, Nr. Leek, Staffs. (F.)
- LEACH, J. W., Secretary, Craig Convalescent Home for Children, Morecambe, Lancs. (O.)
- LEACH, R. F., Deputy Finance Officer, Finance Department, St. Thomas's Hospital, London, S.E.1. (A.)
- LEANNEY, A. H. (Retd.), Hill Cottage, Dagtail Lane, Crabbs Cross, Redditch, Worcs. (F.)
- LEAPER, H., Chief Assistant (Supplies), Middlewood Hospital, Sheffield, 6. (O.)
- LE BAILLY, W. F. G., Assistant Secretary, Oxford Regional Hospital Board, Oxford. (A.)
- LEE, E. C., Steward, The River Hospitals, Dartford, Kent. (F.)
- LEE, F. S., Steward, King's College Hospital, London S.E.5. (A.)
- LEE, J., Storekeeper, Brentwood Mental Hospital, Brentwood, Essex. (A.)
- LEE, N., Managing Secretary, Wairarapa Hospital Board, Masterton, New Zealand. (F.)
- LEE, P., Secretary, Finance Officer and Supplies Officer, Long Grove Hospital Management Committee, Long Grove Hospital, Epsom, Surrey. (F.)
- LEECH, F. C. L., Clerk of the Hospital, St. David's Hospital, Carmarthen. (A.)
- LEEK, V. L., A.C.I.S., Steward, Middlesex Hospital, London, W.1. (O.)
- LEES, E. G. (Major) (Retd.), The Old Ivy House, Tettenhall, Wolverhampton. (A.)
- LEES, F., Assistant Clerk and Steward, Cherry Knowle Hospital, Ryhope, Nr. Sunderland. (O.)
- LEES, J. A., Principal Assistant to Finance Officer, Warlingham Park Hospital, Warlingham, Surrey. (A.)
- LEES, W. H., Steward and Accounting Officer, North Eastern Hospital, London, N.15. (F.)
- LEGGE, E., A.R.San.I., Supplies Officer, Winterton Hospital, Winterton, Sedgefield, Stockton-on-Tees. (A.)
- LEIGH-HUNT, C. G., B.A., A.C.A., Finance Officer, Guildford Group Hospital Management Committee, Guildford, Surrey. (A.)
- LEONARD, R., Secretary Hounslow General Hospital, Hounslow. (O.)
- LESLIE, S. W., Secretary, Queen Charlotte's Maternity Hospital, London, W.6. (O.)
- LEVERS, W. T. G., 2nd Accountancy Assistant, St. Lawrence's Hospital, Bodmin, Cornwall. (O.)
- LEVITT, H. F., Secretary, Finance Officer and Supplies Officer, Chartham Group Hospital Management Committee, St. Augustine's Hospital, Nr. Canterbury, Kent. (F.)
- LEWINGTON, H. A., Steward, Dulwich Hospital, London, S.E.22. (F.)
- LEWIS, A. H., Assistant Clerk and Steward, Newport Mental Hospital, Caerlon, Mon. (A.)
- LEWIS, D. T., Superintendent, St. Mary's Hospital, Colchester, Essex. (A.)
- LEWIS, G., Secretary, Mid-Wales Mental Hospital Management Committee, Talgarth, Brecon. (O.)
- LEWIS, G. J., Supplies Officer, St. David's Hospital, Carmarthen. (A.)
- LEWIS, H., Administrative Assistant, St. Francis Hospital, London, S.E.22. (A.)
- LEWIS, H. E., Assistant Master, Tydfil Lodge, Merthyr Tydfil, Glam. (A.)
- LEWIS, H. G., F.C.I.S., Supplies Officer, Northampton and District Hospital Management Committee, and Secretary, Manfield Orthopaedic Hospital, Northampton. (F.)
- LEWIS, J., First Assistant Clerk, The Manor Hospital, Epsom, Surrey. (A.)
- LEWIS, K. F., Cashier, Queen Charlotte's Maternity Hospital, London, W.6. (A.)
- LEWIS, L. W. H., Superintendent, Bensted House, Faversham, Kent. (A.)
- LEWIS, W. J., J.P., Secretary, Swindon and District Hospital Management Committee, Swindon. (A.)
- LIDDELL, A. F., Steward, Queen Mary's Hospital, Sidcup, Kent. (F.)
- LILLEY, S. D., Steward, St. Edward's Hospital, Cheddleton, Nr. Leek, Staffs. (O.)
- LIMINTON, K. W. H., Assistant Secretary to Kingston Group Hospital Management Committee, Royal Hospital, Richmond, Surrey. (A.)
- LINDSAY, H., Joint Secretary, Brockhall and Calderstones Hospital Management Committee, Brockhall, Langho, Nr. Blackburn, Lancs. (F.)
- LINDSAY, W. D., Secretary, King Edward Memorial Hospital, London, W.13. (O.)
- LINFOOT, C. B., A.C.I.S., Assistant Secretary, Wigan and Leigh Hospital Management Committee Wigan, Lancs. (F.)
- LING, Miss D. E., Administrative Staff, Willesden General Hospital, London, N.W.10. (O.)
- LINGARD, R. E., Secretary, Luton and Dunstable Hospital, Luton, Beds. (F.)
- LINNELL, H. B., Administrative Officer, Birmingham and Midland Eye Hospital, Birmingham, 3. (O.)
- LIS, J. W., Supplies Officer, Bromley Group Hospital Management Committee, Farnborough Hospital, Farnborough, Kent. (F.)
- LISTER, A. E., Secretary and Steward, Hallam Hospital, West Bromwich. (A.)
- LIVESEY, E., Secretary-Steward, Abergele Sanatorium, Abergele, North Wales. (A.)
- LIVOCK, Miss D. M., A.C.A., Accountant, The Nuffield Provincial Hospitals Trust and Nuffield Foundation, London, W.C.1. (A.)
- LLEWELLYN, Miss K. M., Senior Accountant and Cashier, United Sheffield Hospitals, The Royal Infirmary, Sheffield, 6. (F.)
- LLOYD, E. F., First Assistant Clerk, Brookwood Hospital, Knaphill, Woking, Surrey. (O.)
- LOACH, H. T., Second Assistant Clerk, The Mental Hospital, Bromsgrove, Worcs. (O.)
- LOCK, G., Deputy Clerk and Steward, St. Augustine's Hospital, Nr. Canterbury Kent. (A.)
- LOCKHART, C. R., F.C.I.S., Secretary, West London Hospital, London, W.6. (A.)
- LOCKHART, W. A., House Steward, Knightswood Hospital, Glasgow, W. 3. (A.)
- LOMAS, K. O., Deputy Supplies Officer, Wakefield Hospital Management Committee No. 9, Clayton Hospital, Wakefield, Yorks. (O.)
- LOMAS, W. H., Supplies Officer and Deputy Secretary, Birmingham (Dudley Road) Group of Hospitals, Dudley Road Hospital, Birmingham, 18. (F.)
- LOMBARD, W., Superintendent, Whixley Colony, Whixley, York. (A.)
- LOMER, J. (Col.), Steward, West Middlesex Hospital, Isleworth, Middx. (F.)
- LOMER, R. J., Secretary, Staines Group Hospital Management Committee, Ashford Hospital, Ashford, Middlesex. (F.)
- LONDON, Miss N. D., Medical Secretary, East Suffolk and Ipswich Hospital, Ipswich. (O.)
- LONG, W. E., Steward, Royal South Hants and Southampton Hospital, Southampton. (O.)
- LONGDEN, W. J., M.B.E., F.C.I.S., Secretary and Finance Officer, Ipswich Mental Hospital Management Committee, St. Audrey's Hospital, Melton, Suffolk. (F.)
- LOOSEMORE, W. A., Storekeeper, School Aycliffe Colony, Aycliffe, Nr. Darlington. (A.)
- LORD, F., Supplies Officer, Leeds Group "B" Hospital Management Committee, Seacroft Hospital, Leeds. (F.)
- LORD, P. F., Secretary-Superintendent, Royal Isle of Wight County Hospital, Ryde, Isle of Wight. (A.)
- LORD, S., Secretary, Scunthorpe Hospital Management Committee, Scunthorpe and District War Memorial Hospital, Scunthorpe, Lincs. (F.)
- LORIMER, I. R., A.R.San.I., D.P.A., Secretary, Bradford "B" Hospital Management Committee, Leeds Road Hospital, Bradford, Yorks. (A.)
- LOVATT, W., Deputy Supplies Officer, Lancaster Moor Hospital, Lancaster. (A.)
- LOVELESS, C. F., Cmdr. R.N. (Retd.), Resident Secretary, King George's Sanatorium for Sailors, Liphook, Hants. (O.)
- LOVETT, R. F., Secretary, Taunton Hospital Management Committee, Taunton, Somerset (A.)
- LOW, Miss M., Secretary to Deputy Clinical Director, Birmingham Accident Hospital, Bath Row, Birmingham. (O.)
- LOWE, H. W., Finance Officer, Woolwich Group Hospital Management Committee, Brook General Hospital, London, S.E.18. (F.)

- LOWE, M. L., Secretary, Finance and Supplies Officer, Mendip Hospital Management Committee, The Mendip Hospital, Wells, Somerset. (F.)
- LOWNDES, C. E., Deputy Secretary, Stoke-on-Trent Hospital Management Committee, Stoke-on-Trent. (F.)
- LOYNES, G. D., Second Assistant Clerk, Ipswich Mental Hospital, Ipswich, Suffolk. (O.)
- LUCAS, A. H., A.R.San.I., Supplies Officer, North Wales Mental Hospital Management Committee, Denbigh. (A.)
- LUKE, L. A., Chief Clerk and Steward, Gartloch Hospital, Gartcosh, Glasgow. (F.)
- LUMLEY, H. B., Secretary, Finance and Supplies Officer, St. George's Hospital, Morpeth, Northumberland. (F.)
- LUPTON, T. R., Assistant Finance Officer, Banstead Hospital, Sutton, Surrey. (A.)
- LUTZ, H., Supplies Officer, Warrington and District Hospital Management Committee and Senior Administrative Officer, General Hospital, Warrington, Lanes. (A.)
- LUXFORD, K. G. T., Secretary, South-West Durham Hospital Management Committee, General Hospital, Bishop Auckland, Durham. (F.)
- LYMER, T. W., M.C., Assistant Secretary, Wolverhampton Group Hospital Management Committee and Secretary-Superintendent, Wolverhampton and Midland Counties Eye Infirmary, Wolverhampton. (A.)
- LYON, F. A., O.B.E., B.A.(Oxon), Secretary, Seamen's Group Hospital Management Committee, Dreadnought Seamen's Hospital, London, S.E.10. (F.)
- LYONS, A., Administrative Officer, Grove Hospital, London, S.W.17. (A.)
- LYONS, J., Steward and Master, Western General Hospital, Hull. (F.)
- LYTH, W. A., Clerk and Steward, St. Helier County Hospital, Carshalton, Surrey. (F.)

M

- MABBETT, W. G. (Retd.), 4, Parkstone Mansions, Ashcombe Road, Weston-Super-Mare. (O.)
- McADAM, A. H., A.C.I.S., Secretary-Treasurer, Board of Management for Lanarkshire Mental Hospitals, Kirklands Certified Institution, Bothwell, Scotland. (F.)
- McAULEY, J. W., Steward, Royal Scottish National Institution, Larbert. (F.)
- McCABE, Miss C. M., Administrative Staff, Ancoats Hospital, Manchester. (A.)
- McCALL, A. H., A.C.I.S., Chief Clerk and House Steward, Southern General Hospital, Glasgow, S.W.1. (A.)
- McCALLUM, Miss J. W., Office Supervisor, The Astley Ainslie Hospital, Grange Loan, Edinburgh. (A.)
- McCARTER, R., Secretary, Londonderry and North Western Area Management Committee, City and County Hospital, Londonderry, Northern Ireland. (A.)
- McCARTHY, D. J., Assistant Secretary, Archway Hospital, London, N.19. (A.)
- McCONACHIE, J. A., Secretary, North Eastern Regional Hospital Board Scotland, Aberdeen. (F.)
- McCREADIE, I. W., Storekeeper, De la Pole Hospital, Willerby Hall, East Yorks. (A.)
- McDONALD, A. A., Chief Clerk and House Steward, Eastern District Hospital, Glasgow. (A.)
- McDONALD, B. J. P., Steward, St. Francis Hospital, East Dulwich, London, S.E.22. (F.)
- McDONALD, G., Assistant Secretary, St. Luke's Hospital, Huddersfield, Yorks. (A.)
- MACDONALD, G. F., Assistant Storekeeper, Central Hospital, Hatton, Nr. Warwick. (O.)
- McDONALD, M., House Steward and Chief Clerk, Stoneyetts Mental Hospital, Chryston, Nr. Glasgow. (O.)
- MACE, A. R., Administrative Assistant, Stone House Hospital, Stone, Nr. Dartford, Kent. (O.)
- MACE, F. A., Master, Chesterton Hospital, Cambridge. (A.)
- MACEY, F. J., Secretary, Leytonstone No. 10 Group Hospital Management Committee, London, E.11. (F.)
- McGLAULIN, S., Assistant Secretary, Monsall Hospital, Manchester, 10. (A.)
- McGREGOR, G. L., Secretary-Superintendent, Waterloo and District General Hospital, Liverpool. (F.)
- McHALE, T. A., Supplies Administrator, Royal Albert Hospital, Lancaster. (A.)
- MacINNES, F., Treasurer and Assistant Secretary, Northern Regional Hospital Board (Scotland), Inverness. (A.)
- MACIVER, A. A., C.A., A.C.W.A., Secretary and Treasurer, Board of Management for Glasgow Royal Infirmary and Associated Hospitals, Glasgow. (F.)
- McKAY, G. A., Finance Officer, Worthing Group Hospital Management Committee, Worthing Hospital, Worthing, Sussex. (A.)
- MACKENZIE, J. C., O.B.E., M.D., C.M., F.A.C.H.A., Director, Touro Infirmary, New Orleans, 15, U.S.A. (F.)
- MACKEOWN, T. F. W., M.A., A.C.A., Administrator Secretary, University College Hospital, London, W.C.1. (F.)
- MacKERRACHER, J. G., Secretary, Glasgow Kilmun Convalescent Home, Kilmun, Argyllshire. (O.)
- MACKIE, A. House Steward, Gogarburn Institution, Edinburgh, 12. (F.)
- McKIRKLE, C., House Steward, Glasgow Royal Infirmary, Glasgow. (A.)
- MACKRIDGE, J. F., Administrative Staff, Guy's Hospital, London, S.E.1. (O.)
- MACKRILL, J. R., General Superintendent, York County Hospital, York. (F.)
- MACLEAN, C., Assistant Chief Clerk and House Steward, Mearns Kirk Hospital, Newton Mearns, Renfrewshire, Scotland. (A.)
- MACLEOD, D. D., B.Sc., Secretary and Treasurer, Board of Management for Kirkintilloch and Kilsyth Hospitals, Kirkintilloch, Scotland. (F.)
- McMATH, J., House Steward, Aberdeen Royal Mental Hospital, Aberdeen. (A.)
- McMORRIN, J. W., Storekeeper, Winterton Hospital, Winterton, Stockton-on-Tees. (O.)
- McNAB, W. S., C.A., Assistant Secretary and Treasurer, Board of Management for Glasgow Royal Infirmary and Associated Hospitals, Glasgow. (A.)
- McNEIL, J., Chief Clerk and House Steward, Stobhill Hospital, Glasgow, N. (A.)
- McNEILLY, A., Secretary, Ards Hospital, Newtownards, Northern Ireland. (F.)
- McOWAN, W. A., Instrument Supervisor, London Hospital, London, E.1. (O.)
- MACPHERSON, J. F., Assistant Secretary, Croydon Group Hospital Management Committee, Croydon Isolation Hospital, Croydon, Surrey. (A.)
- MADDOX, A. T. (Retd.), Myrtle Cottage, 6, Brighton Road, Hooley, Coulsdon, Surrey. (O.)
- MADDOX, Miss R. E., Secretary, Mid-Wilts Hospital Management Committee, and Secretary, Devizes and District Hospital, Devizes, Wilts. (F.)
- MADGE, A. J., Secretary, Ministry of Pensions Hospital, Norwich. (A.)
- MALCOLM, A. D., Senior Administrative Assistant, St. Catherine's Hospital, Birkenhead. (A.)
- MALLET, J. P., Secretary, Shrewsbury Group Hospital Management Committee, and Secretary-Superintendent, Royal Salop Infirmary, Shrewsbury. (F.)
- MANN, L. S., Grade "B" Clerk, Central Hospital, Hatton, Nr. Warwick. (O.)
- MARCHESI, E., Assistant Secretary, Barming Heath Hospital, Maidstone, Kent. (A.)
- MARGEITS, W. H., Clerk, St. Francis' Hospital, Haywards Heath, Sussex. (O.)
- MARGINSON, Miss J., Deputy Clerk and Steward, Langho Colony, Langho, Nr. Blackburn, Lanes. (A.)
- MARKS, C. F., Clerk (Clerical Division), Carlton Hayes Hospital, Narborough, Leics. (O.)
- MARRON, E. J., Administrative Officer, Kingston Hospital, Kingston-on-Thames, Surrey. (F.)
- MARSHALL, Mrs. E., Assistant Clerk, South-East Essex Hospital Management Committee, Grays, Essex. (A.)
- MARSHALL, F., Steward, County Infirmary, Louth, Lincs. (F.)
- MARSHALL, J. B., Chief Clerk and House Steward, Lennox Castle Institution, Lennoxton, Glasgow. (A.)
- MARSHALL, J. F., Steward, Cheshire Joint Sanatorium, Market Drayton, Salop. (A.)
- MARSHALL, L. J., A.C.I.S., Senior Accountancy Assistant, Gloucester, Stroud and Forest Hospital Management Committee, Cheltenham Hospital Management Committee, and Standish House Hospital Management Committee, Cheltenham. (A.)
- MARSHALL, V. F., Secretary, West End Hospital for Nervous Diseases, London, W.1. (A.)
- MARSHALL, W. A., A.C.I.S., Secretary, Grantham Group Hospital Management Committee, Grantham, Lincs. (F.)
- MARTIN, A. S., Steward, Colindale Hospital, Hendon, London, N.W.9. (F.)
- MARTIN, J. P., A.C.I.S., Senior Administrative Assistant, St. Andrew's Hospital, Thorpe, Norwich. (A.)

- MARTIN, T. G., Administrative Staff, Gartloch Hospital, Gartcosh, Glasgow. (O.)
- MASKELL, H. M., Secretary, The Watford and District Peace Memorial Hospital, Watford, Herts. (F.)
- MASON, A. S., Administrative Officer, St. Bartholomew's Hospital, Rochester, Kent. (A.)
- MASON, C. F., Assistant Clerk, St. Ebba's Hospital, Epsom, Surrey. (O.)
- MASON, H. R., F.C.I.S., Secretary, Liverpool Radium Institute Management Committee, Liverpool, 7. (F.)
- MASON, J. J., Secretary and Finance Officer, Lancaster Moor Hospital Management Committee, Lancaster Moor Hospital, Lancaster. (F.)
- MASON, J. T., Assistant Secretary, Royal West Sussex Hospital, Chichester, Sussex. (A.)
- MASTERS, G. C., Administrative Assistant, The Hospital, Exminster, Nr. Exeter, Devon. (O.)
- MATHEWS, G. V., B.Com., F.C.I.S., Administrative Assistant to Secretary, Swindon Hospital Management Committee, Marlborough, Wilts. (A.)
- MATTHEWS, Miss E. K., Secretary, Southampton Children's Hospital, Southampton. (A.)
- MATTHEWS, Miss I. D., Head Almoner, Royal Hampshire County Hospital, Winchester, Hants. (O.)
- MATTHEWS, Sir R. W., Chairman, Royal Infirmary, Sheffield. (*Honorary Member.*)
- MAURY, C. F. J. (Retd.), 16, Becketts Park Drive, Leeds, 6. (F.)
- MAYO, A. J., Administrator, Royal Sea Bathing Hospital, Margate, Kent. (F.)
- MEARS, J. L., Secretary, Bath Hospital Management Committee, and Secretary-Superintendent, Royal United and Manor Hospitals, Coombe Park, Bath. (F.)
- MEARS, M. L., Assistant Secretary, Boston Hospital Management Committee, Boston General Hospital, Boston, Lincs. (A.)
- MENZIES, J. C., Secretary, Robert Jones and Agnes Hunt Hospital Management Committee, Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry, Salop. (F.)
- MERIVALE, S. C., M.A.(Cantab), Secretary to the Board, United Bristol Hospitals, Bristol. (A.)
- MERRICK, C. A., Assistant Secretary and Supplies Officer, Colchester Group Hospital Management Committee, Colchester, Essex. (A.)
- MERRICKS, A. W., First Administrative Assistant, Netherne Hospital, Coulsdon, Surrey. (O.)
- MESSINGER, F. J., Deputy Steward, Western Hospital, Seagrave Road, London, S.W.6. (A.)
- METHVEN, J., Secretary and Cashier, Royal Hospital for Sick Children, Glasgow. (F.)
- MICKELWRIGHT, R. A., Secretary, South West Middlesex Hospital Management Committee, and House Governor, King Edward Memorial Hospital, London, W.13. (F.)
- MIDDLETON, J., M.B.E. (Retd.), Leo House Stalham, Norfolk. (F.)
- MIDDLETON, W. G., Steward, St. George's Hospital, Stafford. (F.)
- MIGHELL, E. R., Assistant Secretary, Hackney Hospital, London, E.9. (A.)
- MILBURN, S. W., F.R.I.B.A., 9, The Esplanade, Sunderland (*Honorary Member.*)
- MILES, C. F., Chief Steward, Queen Mary Hospital, Hong Kong. (F.)
- MILES, K. A. F., House Governor and Secretary, Hampstead General Hospital, London, N.W.3. (F.)
- MILES, Miss V. A., Secretary, Lindo Wing, St. Mary's Hospital, London, W.2. (A.)
- MILLAR, T., House Steward, Lanarkshire Mental Hospitals Joint Committee, Glasgow. (F.)
- MILLER, D. R., Administrative Assistant, The North Wales Hospital for Nervous and Mental Disorders, Derbigh. (O.)
- MILLER, Major D. W., Clerk and Steward, The Hospital, Digbys, Exeter, Devon. (A.)
- MILLER, Miss J. O., Administrative Officer, Board of Management for Northern Ayrshire Hospitals, Kilmarnock Infirmary, Kilmarnock. (A.)
- MILLER, P. S., Steward, Bangour Hospital, Broxburn, West Lothian, Scotland. (O.)
- MILLET, F. R., Finance Officer and Secretary, Upton Mental Hospital Management Committee, Upton Hospital, Chester. (F.)
- MILLIGAN, R., Assistant Storekeeper, Littlemore Hospital, Littlemore, Nr. Oxford. (O.)
- MILLIKEN-SMITH, E. A., Windward House, Lapworth, Warwickshire. (*Honorary Member.*)
- MILLIN, G. W., A.C.I.S., Assistant Treasurer, North East Metropolitan Regional Hospital Board, London, W.1. (A.)
- MILLS, G. E. M., Finance Officer, Mid-Sussex Hospital Management Committee, Cuckfield, Sussex. (A.)
- MILLWARD, R. C., Secretary, Bromley Group Hospital Management Committee, Farnborough Hospital, Kent. (F.)
- MILNE, Miss M. E. G., O.B.E., Matron, St. Mary's Hospital, London, W.2. (O.)
- MILNES, F. A., Secretary, York (A) and Tadcaster Hospital Management Committee, Bootham Park, York. (F.)
- MILSOM, J., Secretary, Finance and Supplies Officer, Tone Vale Hospital Management Committee, Norton Fitzwarren, Taunton, Somerset. (F.)
- MILTON, W. St. Clair, A.R.San.I., Secretary of the Board of Governors, The Hammersmith, West London and St. Mark's Hospitals, London, W.12. (F.)
- MILVERTON, E., Assistant Secretary, Royal Portsmouth Hospital, Portsmouth. (A.)
- MITCHELL, A. A. G., M.B.E., A.C.I.S., Deputy Clerk and Steward, Hellingly Mental Hospital, Hailsham, Sussex. (A.)
- MITCHELL, E. C., Clerk and Steward, Cambridge-shire Mental Hospital, Fulbourn, Cambs. (F.)
- MITCHELL, G., Administrative Assistant, Brockhall Institution, Langho, Nr. Blackburn, Lancs. (A.)
- MITCHELL, H. E., Secretary to the Board of Governors, National Hospital, Queen Square, London, W.C.1. (F.)
- MITCHELL, J. R. (Retd.), 17, Whiteford Road, Plymouth. (F.)
- MITCHELL, L. W., Administrator, Ramsgate and Margate General Hospital, Margate. (A.)
- MITCHELL, T. C., House Steward, Storekeeper and Chief Clerk, Dingleton Hospital, Melrose. (O.)
- MITCHELL, W. E., Secretary, Finance and Supplies Officer, St. Francis and The Lady Chichester Hospital Management Committee, St. Francis Hospital, Haywards Heath, Sussex. (F.)
- MITCHINSON, W. C., Hospital Clerk, Claybury Hospital, Woodford Bridge, Essex. (A.)
- MOFFAT, J. G., B.Sc., C.A., Secretary of Board of Management, Glasgow Royal Mental Hospitals and Hawkhead Mental Hospital, Glasgow, C.2. (F.)
- MOISE, C. G., B.Sc.(Econ.), Supplies Officer, Redhill Group Hospital Management Committee, Redhill County Hospital, Redhill, Surrey. (A.)
- MOLLOY, B. G., Secretary, Southall-Norwood Hospital, Southall, Middlesex. (A.)
- MONKS, H., Group Supplies Officer, General Hospital, Hexham, Northumberland. (F.)
- MONTACUTE, C., A.I.M.T.A., D.P.A., Finance Officer, Gloucester, Stroud and the Forest, Cheltenham, and Standish House Hospital Management Committees, Cheltenham. (A.)
- MOODY, A., A.I.M.T.A., Finance Officer, Wigan and Leigh Hospital Management Committee, Wigan, Lancs. (A.)
- MOODY, L., Supplies Officer, Lichfield, Sutton Coldfield and Tamworth Hospital Management Committee, Tamworth, Staffs. (A.)
- MOON, G., Clerk, Winwick Hospital, Winwick Warrington, Lancs. (O.)
- MOORE, A., M.B.E., (Retd.), 24, Minster, Yard, Lincoln. (F.)
- MOORE, P. S., Assistant Clerk, Knowle Hospital, Fareham, Hants. (A.)
- MOORES, H. H., Secretary, Enfield War Memorial Hospital, Enfield, Middlesex. (O.)
- MORGAN, C. C., Secretary and Supplies Officer, Menston Hospital Group Hospital Management Committee No. 18, Menston Hospital, Nr. Leeds. (F.)
- MORGAN, G. C., F.C.I.S., Secretary-Superintendent, Pembroke County War Memorial Hospital, Haverfordwest, Pem. (F.)
- MORGAN, Mrs. I. W., Almoner, Hospital of St. John and St. Elizabeth, London, N.W.8. (O.)
- MORGAN, J. E., Secretary, West Wilts Hospital Management Committee, Trowbridge. (A.)
- MORGAN, J. F., Steward, South Western Hospital, London, S.W.9. (F.)
- MORGAN, Miss T. L., 44, Heolden, Whitchurch, Cardiff. (O.)
- MORGAN, W., Senior Administrative Assistant, Glamorgan Mental Hospital Management Committee, Hensol Castle, Pontyclun, Glam. (A.)
- MORGAN-JONES, E., Superintendent Secretary, Caernarvonshire and Anglesey Infirmary, Bangor, Caernarvonshire. (A.)
- MORGANS, W., F.C.I.S. (Retd.), 23, Denbigh Road, London, W.13. (F.)
- MORLEY, E., Administrative Assistant, Eastbourne Hospital Management Committee, Eastbourne, Sussex. (O.)
- MORRIS, D. M., Steward, Manor Hospital, Walsall, Staffs. (F.)
- MORRIS, F., Deputy Clerk and Steward, Napsbury Hospital, Nr. St. Albans, Herts. (A.)

MORRIS, J. C., Assistant Secretary, Harlow Wood Orthopaedic Hospital, Nr. Mansfield, Notts. (A.)
 MORRIS, J. K., Assistant Clerk, Burghill and Holme Lacey Hospitals, Hereford. (O.)
 MORRIS, W. P., Assistant Master, Barming Heath Hospital, Nr. Maidstone, Kent. (A.)
 MORRISH, R. G., Secretary, Chelmsford Group, Hospital Management Committee, Chelmsford and Essex Hospital, Chelmsford, Essex. (O.)
 MORSE, A. J., A.S.A.A., Finance Officer, South Ockenden Group Hospital Management Committee, London, E.11. (A.)
 MORSE, J., Assistant Clerk, St. Edward's Hospital, Cheddleton, Nr. Leek, Staffs. (O.)
 MORTIMER, W. E., Chief Administrative Officer, Tolmers Park Hospital, Nr. Hertford, Herts. (A.)
 MORTIMER, W. G., Cashier, The General Infirmary, Leeds. (O.)
 MORTIMORE, A., Assistant Secretary, Assistant Finance Officer and Supplies Officer, Royal Western Counties Institution Hospital Group, Starcross, Devon. (A.)
 MORTON, B., Administrative Staff, Bethlem Royal Hospital, Monks Orchard, Beckenham, Kent. (A.)
 MORTON, J. F., A.C.I.S., Secretary, London Lock Hospital, London, W.1. (A.)
 MORTON, K. V. F., Secretary, East Anglian Regional Hospital Board, Cambridge. (F.)
 MORTON, R. W., Secretary, Birmingham Mental A Group Hospital Management Committee, Winson Green Mental Hospital, Birmingham. (F.)
 MOSS, H. W., A.C.A., Secretary and Supplies Officer, Scarborough, Bridlington, Malton and Whitby Group Hospital Management Committee, Scarborough Hospital, Scarborough, Yorks. (F.)
 MOSS, J., Chief Clerk, Broadgreen Hospital, Liverpool, 14. (A.)
 MOSS, O. A., Administrative Officer, Fir Vale Infirmary, Sheffield, 5. (F.)
 MOTT, Miss E. V., Administrative Officer, Southport and District Hospital Management Committee, Sunnyside Annexe, Southport. (A.)
 MOTTERSHEAD, G., Assistant Secretary, North Staffordshire Royal Infirmary, Stoke-on-Trent. (F.)
 MOUNTAIN, H., Assistant Supplies Officer, Menston Hospital, Menston, Nr. Leeds. (A.)
 MOXON, H., Deputy Secretary and Supplies Officer, Ipswich Group Hospital Management Committee, and Assistant Secretary, East Suffolk and Ipswich Hospital, and Ipswich Borough General Hospital, Ipswich, Suffolk. (F.)
 MUCHALL, A. H., Storekeeper, St. Mary's Hospital, Stannington, Morpeth, Northumberland. (O.)
 MULLINS, S. C., Senior Administrative Assistant, Leybourne Grange Colony, West Malling, Kent. (A.)
 MUMBY, F. W., Administrative Staff, Harmston Hall Colony, Harmston, Lincoln. (A.)
 MUNN, W. A., Administrative Assistant, Friern Hospital, London, N.11. (A.)
 MUNRO, H. J. L., Accountant, King's College Hospital, London, S.E.5. (O.)
 MUNT, T. A., Steward, St. George in the East Hospital, London, E.1. (A.)
 MURPHY, J. F., Assistant Clerk and Steward, Mapperley Hospital, Mapperley, Nottingham. (A.)
 MURRAY, Miss A. D., Secretary, Ballochmyle Hospital, Mauchline, Ayrshire. (A.)
 MURRAY, J., Administrator, Arbroath Infirmary Arbroath. (A.)
 MURTAGH, T. E. (Retd.), 41, Mansfield Crescent Roker, Sunderland. (F.)
 MUSCAT, H., Cashier, Charing Cross Hospital London, W.C.2. (O.)
 MUSTARD, G. B., Chief Clerk, The Royal Infirmary, Sunderland. (O.)
 MYERS, G., D.P.A., Secretary, Birmingham (Selly Oak) Hospital Management Committee, Birmingham, 29. (F.)
 MYTON, L. H., Storekeeper, The Pastures Hospital, Mickleover, Derby. (A.)

N

NAHUM, Miss L., Senior Medical Clerk, Salford Royal Hospital, Salford, 3, Lancs. (O.)
 NAYLOR, G., Senior Administrative Officer, Rainhill Hospital, Rainhill, Nr. Liverpool. (O.)
 NEATE, H. R., J.P., Secretary, Bedford County Hospital, Bedford. (A.)
 NEEDHAM, C., Finance Officer, Leicester Area No. 1 Hospital Management Committee, Leicester. (A.)
 NELSON, E. R., Grade "B" Clerk, Winwick Hospital, Winwick, Warrington. (O.)

NEWELL, E. S., Secretary, Shenley and Napsbury Group Hospital Management Committee, and Clerk and Steward, Napsbury Hospital, Nr. St. Albans, Herts. (A.)
 NEWELL, K. I., Secretary-Superintendent, West Cornwall Hospital, Penzance. (A.)
 NEWHALL, Mrs. J. M., Assistant Secretary, Altrincham General Hospital, Altrincham, Cheshire. (O.)
 NEWLAND, F. E. (Retd.), 66, Canterbury Avenue, Ilford, Essex. (A.)
 NEWLOVE, R., Administrative Officer, Reedyford Memorial Hospital, Nelson, Lancs. (F.)
 NEWMAN, J. L., Secretary and Finance Officer, North Monmouthshire Hospital Management Committee, and Secretary, Ebbw Vale Hospital, Ebbw Vale. (A.)
 NEWMAN, Miss R. (Retd.), 8, Josephine Close, Norwich, Norfolk. (O.)
 NEWSTEAD, W. F., F.C.I.I., Secretary, Birmingham Regional Hospital Board, Birmingham. (F.)
 NEWTON, A. R., Secretary-Superintendent, The Rowley Bristow Orthopaedic Hospital, Pyrford, Surrey. (F.)
 NICHOL, R. S., House Steward, Royal Infirmary, Aberdeen. (A.)
 NICHOLAS, F., Senior Clerk, Prestwich Hospital, Prestwich, Manchester. (O.)
 NICHOLAS, P. L., Assistant Secretary, Bow Group Hospital Management Committee, Poplar Hospital, London, E.14. (A.)
 NICHOLS, T. B. V., Supplies Officer, Portsmouth Group Hospital Management Committee, St. Mary's Hospital, Milton, Portsmouth. (F.)
 NICKSON, G., V.D., J.P., Superintendent, United Liverpool Hospitals, Liverpool Eye, Ear and Throat Infirmary, Liverpool, 7. (F.)
 NICOL, H. C., Steward, Peel Hospital, Galashiels, Selkirk. (A.)
 NILES, L. C., D.P.A., M.R.I.P.H.H., Administrative Officer, Kingston General Hospital, Beverley Road, Hull. (F.)
 NOBLE, Miss M. B., 5, Coronation Avenue, South Twerton, Bath. (A.)
 NOCK, C., Deputy Secretary, Caernarvon and Anglesea Hospital Management Committee, Bangor. (A.)
 NORBURY, G. H., Superintendent, Brook Hospital, East Grinstead, Sussex. (A.)
 NORFOLK, L., Secretary, The Lawn, Lincoln. (F.)
 NORMAN, W. H., M.B.E., Secretary, Sutton and Cheam General Hospital, Sutton, Surrey. (F.)
 NORTH, H. R., General Superintendent and Secretary, Royal Eye Hospital Manchester. (F.)
 NOSELEY, J., Assistant Storekeeper, The Towers Hospital, Leicester. (O.)
 NUNN, J. H., Secretary, Barnsley Hospital Management Committee, Beckett Hospital, Barnsley, Yorks. (F.)
 NYE, A. R., Clerk of Works, St. Bartholomew Hospital, London, E.C.1. (O.)

O

OAKTON, A. V., Secretary-Administrator, Worthing Group Hospital Management Committee, Worthing, Sussex. (F.)
 OATES, G., Administrative Assistant, Coventry and Warwick Hospital, Coventry. (A.)
 OATLEY, N. H., L.R.I.B.A., Surveyor, London Hospital, London, E.1. (F.)
 ODDIE, W., Senior Clerk (Stores), Calderstones, Whalley, Nr. Blackburn, Lancs. (O.)
 O'DELL, D. H., F.C.I.S., Finance Officer, Monyhull Hall, King's Heath, Birmingham. (A.)
 OGBOURN, C., Assistant Steward, Farnham County Hospital, Farnham, Surrey. (A.)
 OGDEN, B., Steward, Scarsdale Hospital, Chesterfield, Derbyshire. (A.)
 O'HEA, Mrs. E. G., Blenheim House, Spencer Road, Ryde, I.O.W. (O.)
 OLIVE, Miss A., Clerk and Steward, Mary Dendy Homes, Sandlebridge, Cheshire. (A.)
 OLIVER, F. (Retd.), "Moorside," Mottram Old Road, Stalybridge, Cheshire. (F.)
 OLIVER, Miss L., Assistant Secretary, Wolverhampton and Midland Counties Eye Infirmary, Wolverhampton. (A.)
 OLPHIN, E. T., Registration Officer, Royal Hants and Southampton Hospital, Southampton. (O.)
 ORME, P. A., Deputy Clerk, St. Edward's Hospital, Cheddleton, Nr. Leek, Staffs. (O.)
 ORMROYD, H., First Assistant Clerk and Steward, Menston Hospital, Menston, Nr. Leeds. (A.)
 OSBORNE, R. F., Supplies Officer, St. Ebba's and Sutton Group Hospital Management Committee, Belmont Hospital, Sutton, Surrey. (A.)

OSWALD, D., Superintendent, Jessop Hospital for Women, Sheffield. (F.)
 OTTERBURN, H. E., Master, Bowling Park Institution, Bradford, Yorks. (F.)
 OTTLEY, Miss L. J., S.R.N., S.C.M., Matron, Addenbrooke's Hospital, Cambridge. (O.)
 OVERALL, J. H., F.C.I.S., Secretary, Goodmayes Group Hospital Management Committee, Goodmayes Hospital, Essex. (F.)
 OWEN, G., Senior Assistant Clerk, North Wales Hospital for Nervous and Mental Disorders, Denbigh, North Wales. (O.)
 OWEN, J. W., Superintendent and Secretary, Derbyshire Royal Infirmary, Derby. (A.)
 OWLER, L. W. J., F.C.I.S., Assistant Secretary to the Board, United Leeds Hospitals, and Assistant House Governor, General Infirmary at Leeds, Leeds, 2. (A.)

P

PACKHAM, F. G., Clerk in Secretary's Office, Tunbridge Wells Group Hospital Management Committee, Tunbridge Wells, Kent. (A.)
 PAGE, H., Secretary, Leicester Area No. 3 Hospital Management Committee, The Towers Hospital, Humberstone, Leicester. (F.)
 PAICE, A. J., First Assistant Clerk and Steward, Shenley Hospital, Shenley, Nr. St. Albans, Herts. (O.)
 PAINES, G. A. S., F.C.I.S., Secretary, Croydon Group Hospital Management Committee, Croydon General Hospital, Croydon, Surrey. (O.)
 PALLANT, Miss E. E., Almoner, East Suffolk and Ipswich Hospital, Ipswich, Suffolk. (O.)
 PALMER, H. A., Supplies Officer, Bermondsey and Southwark Group Hospital Management Committee, New Cross General Hospital, London, S.E.14. (F.)
 PALSER, L. A., Superintendent, Wrekin Hospital, Wellington, Salop. (A.)
 PAMMENT, C. A. L., Administrative Assistant, Tooting Bec Hospital, London, S.W.17. (A.)
 PANTER, G. G., Secretary, Royal Northern Hospital, London, N.7. (F.)
 PAPÉ, L. F., A.C.A., Finance Officer, Papworth Hospital Management Committee Group No. 2 and Treasurer, Papworth Village Settlement, Cambridge. (A.)
 PARKER, E. V., Assistant Secretary, Sidcup and Swanley Hospital Management Committee, Queen Mary's Hospital, Sidcup, Kent. (A.)
 PARKER, G., Secretary, General Hospital, Lagos, Nigeria. (O.)
 PARKER, K. G., Assistant Steward, Maternity Hospital, Mill Road, Cambridge. (A.)
 PARKER, L. E. H., Administrative Assistant, Portsmouth Group Hospital Management Committee, Southsea, Hants. (A.)
 PARKER, L. H., Committee Clerk, Westminster Hospital, London, S.W.1. (A.)
 PARKES, Col. W., D.S.O., M.C., Secretary to the Board of Governors and Chief Financial Officer, St. Mary's Hospital, Paddington, London, W.2. (F.)
 PARKHOUSE, L., Secretary, Exeter and Mid-Devon Hospital Management Committee, Exeter. (F.)
 PARKINSON, C., Deputy Clerk of Hospital, Stanley Royd Hospital, Wakefield, Yorks. (F.)
 PARR, F. C., A.L.A.A., Assistant Secretary, Burnley and District Hospital Management Committee, Victoria Hospital, Burnley, Lancs. (A.)
 PARRY, H. C., J.P. (Retd.), 92A, Elmbourne Road, Tooting Common, London, S.W.17. (F.)
 PARRY, K. J., Secretary, Festiniog and District Heroes' Memorial Hospital, Blaenau Festiniog, Merioneth. (O.)
 PARRY, T. E., Supplies Officer and Steward, St. Andrew's Hospital, Thorpe, Norwich. (F.)
 PARSONS, J. W. F., Senior Administrative Officer, East Ham Memorial Hospital, London, E.7. (A.)
 PARSONS, Capt. R. A. F., Officers' Mess, B.M.H., El Ballah, M.E.L.F. (O.)
 PARTIS, G. E., Secretary to the Management Committee, Finance and Supplies Officer, Barming Heath Hospital, Maidstone, Kent. (F.)
 PARTRIDGE, E., Storekeeper, Rubery Hill Hospital, Rubery, Nr. Birmingham. (O.)
 PASCOE, A. A., F.C.I.S., A.R.San.I., Finance Officer, South Warwickshire Group Hospital Management Committee, Leamington Spa. (F.)
 PAYNE, A. A. (Retd.), "Laurel Bank," Horns Green, Knockholt, Kent. (O.)
 PAYNE, E. C., Third Assistant Clerk and Steward, Runwell Hospital, Nr. Wickford, Essex. (O.)
 PEARCEY, W. H., Supplies Officer, Darenth and Stone Hospital Management Committee, and Clerk and Steward, Stone House, Dartford, Kent. (F.)

PEARL, G. O., Administrative Officer, Eye Ear and Throat Hospital, Shrewsbury, Salop. (A.)
 PEARMUND, A. L., Supplies Officer, Harefield and Northwood Group Hospital Management Committee, Mount Vernon Hospital, Northwood, Middlesex. (A.)
 PEARSALE, C. H., Finance and Supplies Officer, Fountain Hospital Management Committee, Fountain Hospital, London, S.W.17. (A.)
 PEARSON, Miss C. M., Personal Secretary, Children's Hospital, Birmingham, 16. (O.)
 PEARSON, E., Administrative Staff, St. Bartholomew's Hospital, London, E.C.1. (A.)
 PEARSON, G., Steward, County Sanatorium, Ware Park, Nr. Hertford, Herts. (A.)
 PEARSON, L. M., A.C.I.S., A.L.A.A., Finance Officer, The United Leeds Hospitals, General Infirmary, Leeds. (A.)
 PEARSON, W. A. A., Deputy Clerk of the Governors, St. Thomas's Hospital, London, S.E.1. (A.)
 PEATTIE, W. R. H., Secretary-Treasurer, Stirling and Clackmannan Hospitals Board of Management, Stirling. (F.)
 PECK, J. W., Ph.C., F.R.I.C., F.C.S. (Retd.), Gorgate Hall, Dereham, Norfolk. (F.)
 PEERS, R. E., Secretarial Assistant, King Edward's Hospital Fund for London, London, E.C.2. (O.)
 PELLANT, O., Clerk of the Hospital, Hill End Hospital, St. Albans, Herts. (F.)
 PEMBERTON, T. W., Assistant Secretary to the United Leeds Hospital Board, and Superintendent, The Hospital for Women, Leeds. (F.)
 PEMBERTON, Miss W. M., Secretary, Lambeth Group Hospital Management Committee, London, S.E.11. (F.)
 PENDRILL, W. F., Organising Secretary, Industria Orthopaedic Society, Derby. (O.)
 PENFOLD, V. T. J., Administrative Assistant, St. Bernard's Hospital, Southall, Middlesex. (A.)
 PENGILLEY, W. J., Secretary, Ministry of Pensions Hospital, Chepstow, Mon. (A.)
 PENKETH, P., Steward, Clare Hall Hospital, South Mimms, Barnet. (F.)
 PENSON, G. A., Steward and Clerk of Accounts, Broadmoor Institution, Crowthorne, Berks. (F.)
 PEPPER, R. J., Secretary and Supplies Officer, Birmingham Mental "D" Group Hospital Management Committee, Monyhull Hall, Kings Heath, Birmingham, 14. (F.)
 PERRETT, J. W., Steward, Poplar Hospital, London, E.14. (A.)
 PERRY, Major R., M.B.E., Finance Officer, West Ham Group No. 9 Hospital Management Committee, c/o Queen Mary's Hospital, London, E.15. (F.)
 PETTIT, A. H., Senior Accountancy Assistant, Warlingham Park Hospital, Warlingham, Surrey. (A.)
 PHELP, S., Accountant, Middlesex Hospital (Arthur Stanley Institute for Rheumatic Diseases) and St. Luke's Woodside Hospital, London, N.10. (F.)
 PHILLIPS, E. I. E., A.S.A.A., A.C.I.S., Assistant Secretary and Accountant, Swansea General and Eye Hospital, Swansea. (A.)
 PHILLIPS, L. P., Secretary, East Riding Hospital Management Committee, Westwood Hospital, Beverley, East Yorks. (A.)
 PHILPOT, F. S., Deputy Steward, City Hospital South, Nottingham. (A.)
 PICKARD, G., Deputy Steward, Exminster Hospital, Exminster, Nr. Exeter. (A.)
 PICKERILL, R., Assistant Secretary, Warwick Hospital, Warwick. (F.)
 PICKERING, A., Secretary, East Cumberland Hospital Management Committee, Cumberland Infirmary, Carlisle. (A.)
 PIDGEON, A. F., Supplies Officer, South-West Durham Hospital Management Committee, The General Hospital, Bishop Auckland, Co. Durham. (F.)
 PIERREPONT, C. E., A.S.A.A., Finance Officer, West Cornwall Hospital Management Committee, Truro. (A.)
 PIGE, G. E., Finance Officer, The Prince of Wales' General Hospital, London, N.15. (A.)
 PIGOTT, W. J. (Retd.), 169, Trinity Street, Huddersfield, Yorks. (F.)
 PIKE, L. G., House Clerk, Royal Northern Group of Hospitals, London, N.7. (A.)
 PILLING, H. J., A.I.M.T.A., Finance Officer, St. Helen's and District Hospital Management Committee, County Hospital, Whiston, Nr. Prescot, Lancs. (A.)
 PINKHAM, D. A., A.C.I.S., Secretary, West Dorset Hospital Management Committee, Dorset County Hospital, Dorchester. (F.)
 PINKHAM, V. H., House Governor and Secretary, The Royal Cancer Hospital, London, S.W.3. (F.)

PINNER, F. J., Superintendent, The Grange, Huntingdon Road, York. (A.)

PITE, H. E., Master, Kingston County Institution, Coombe Road, Kingston-on-Thames. (F.)

PITT, B., Assistant Secretary, Stoke-on-Trent Hospital Management Committee, Stoke-on-Trent. (O.)

PITT, G. E., Secretary and House Governor, London Jewish Hospital, London, E.1. (F.)

PITTOCK, W. F., Master, County Hospital, Milton Regis, Sittingbourne, Kent. (A.)

PITTS, A., Deputy Secretary, Leicester No. 3 Hospital Management Committee, Leicester Frith Institution, Leicester. (A.)

PLACE, T. W., Secretary, London Association for Hospital Services, Ltd., London, W.C.1. (F.)

PLATT, Miss A. E., Almoner, Royal Berkshire Hospital, Reading. (O.)

PLATTS, H. W., Finance Officer and Assistant Secretary, St. John's Hospital for Diseases of the Skin, London, W.C.2. (O.)

PLOWMAN, H. T., F.C.I.S., Secretary, Leicester Area No. 1 Hospital Management Committee, Leicester. (F.)

POLLARD, Miss E. E., Clerk-Shorthand Typist, Hospital for Sick Children, London, W.C.1. (O.)

POLLARD, L. V., D.F.C., Assistant Secretary, Salisbury Group Hospital Management Committee, Odstock Hospital, Salisbury, Wilts. (F.)

POLLARD, P. F., Secretary, Manor House Hospital, Golders Green, London, N.W.11. (A.)

POLSON, C. S., Administrative Officer and Group Supplies Officer, Chichester Hospital Management Committee, St. Richard's Hospital, Chichester. (A.)

PONSFORD, Major L. G., Finance Officer, London School of Hygiene and Tropical Medicine, and Organising Secretary, Ross Institute of Tropical Hygiene, London, W.C.1. (A.)

POOL, E., Registration Officer, Grimsby General Hospital, Grimsby, Lincs. (O.)

POOLE, G. A., Assistant Clerk, Townleys' Hospital Annexe, Farnworth, Bolton, Lancs. (A.)

POOLE, Miss O. A., Administrative Staff, Brentry Colony, Westbury-on-Trym, Bristol. (O.)

POOLE, W. J., Chief Clerk, Liverpool and District Fazakerley Group of Hospitals, Liverpool, 9. (A.)

POPE, T. A. C., Deputy Clerk of the Hospital, Powick Mental Hospital, Powick, Nr. Worcester. (A.)

POPPELWELL, N., Deputy House Governor, Royal Infirmary, Cardiff. (A.)

PORTER, Miss E. M. (Retd.), 6, Links Avenue, Morden, Surrey. (A.)

POTTS, T. F., Assistant Secretary, Battersea and Putney Group Hospital Management Committee, Putney Hospital, London, S.W.15. (A.)

POWDITCH, A. C. R., M.C., Deputy House Governor, St. Mary's Hospital, London, W.2. (A.)

POWELL, H., Storekeeper, Warwick Hospital and Institution, Warwick. (A.)

POWER, C. M., O.B.E., M.C., Secretary and Finance Officer to the Board of Governors and House Governor to the Hospital, Westminster Hospital, London, S.W.1. (F.)

PRAGNELL, F., Honorary Secretary, The Children's Hospital, Nottingham. (*Honorary Member.*)

PREECE, F. E., Assistant Secretary, Whitehaven and West Cumberland Hospital, Whitehaven. (O.)

PREECE, Miss M. E., Assistant Secretary, Teddington and District Memorial Hospital, Teddington, Middlesex. (A.)

PRENTICE, A. P., M.B.E., Superintendent, The Royal Hospital, Sheffield. (F.)

PRESCOTT, R. H. (Retd.), "Ellerslie," Alton Road, Parkstone, Dorset. (F.)

PRESTON, D. H., M.B.E., B.A.(Oxon), Secretary, West Cornwall Hospital Management Committee, Truro, Cornwall. (A.)

PRESTON, D. R., D.F.C., Assistant Secretary, Woolwich Group Hospital Management Committee, The Memorial Hospital, Shooters Hill, London, S.E.15. (A.)

PRESTON, J., Steward, Dudley Road Hospital, Birmingham, 18. (F.)

PRESTON, R. F. G., A.C.A., Assistant Secretary, Barrowmore Sanatorium Management Committee, Barrowmore Hall, Gt. Barrow, Chester. (A.)

PRICE, C. F., Administrative Staff, Horton Hospital, Epsom, Surrey. (A.)

PRICE, D. A. C., V.R.D., House Governor, Seamen's Hospital Group, Dreadnought Seamen's Hospital, London, S.E.10. (F.)

PRICE, H. A. D., Administrative Officer, Weymouth and Dorset County Royal Eye Infirmary, Weymouth, and District Hospital, Weymouth Isolation Hospital, Portway Hospital, Weymouth. (F.)

PRICE, H. G., A.C.I.S., Secretary, Stockport and Buxton Hospital Management Committee, Stockport. (F.)

PRICE, Miss M. F., Administrative Assistant, Luton and Dunstable Hospital, Luton, Beds. (A.)

PRICE, W. P. A., Assistant Clerk, The Manor Hospital, Epsom, Surrey. (A.)

PRIESTLEY, G., Superintendent, Percy House, Isleworth, Middlesex. (A.)

PRIESTLEY, J. R., Assistant Secretary, The Pastures Hospital, Mickleton, Derby. (A.)

PRIME, H. S., Deputy Clerk, Brentwood Mental Hospital, Brentwood, Essex. (A.)

PRINCE, Miss F. B., Pharmacist, General Hospital, Nottingham. (O.)

PRING, G. W., Registration Officer, Royal United Hospital, Bath. (A.)

PROSSER, E. A., Administrative Assistant, Horton Hospital, Epsom, Surrey. (A.)

PROSSER, S. J., A.S.A.A., Treasurer, East Anglian Regional Hospital Board, Cambridge. (A.)

PUMFREY, B. J., Administrative Officer, Princess Alice Memorial Hospital, Eastbourne. (O.)

PUNCH, J. W., Master, Northallerton Infirmary, Northallerton. (A.)

PURCELL, R. D., Senior Accountancy Assistant, Dartford Hospital Management Committee, West Hill, Dartford, Kent. (A.)

PURRY, G. A., Assistant Clerk, Friern Hospital, London, N.11. (A.)

PURSSELL, Miss G., A.L.A.A., House Governor, Princess Beatrice Hospital, London, S.W.5. (A.)

PYWELL, T. A., Administrator, Upton Hospital, Slough, Bucks. (A.)

Q

QUAS-COHEN, Mrs. D., J.P., Deputy Chairman, Manchester Victoria Jewish Hospital, Manchester. (*Honorary Member.*)

QUINNEY, G., Assistant Clerk, Cambridgeshire Mental Hospital, Fulbourn, Nr. Cambridge. (O.)

R

RACE, E. R. H., Administrative Assistant, King's College Hospital, Denmark Hill, London, S.E.5. (F.)

RADFORD, W., Supplies Officer, Luton and Hitchin Group Hospital Management Committee, Luton. (A.)

RAGBOURN, R. T., D.P.A., Administrative Officer (Finance), Claybury Hospital, Woodford Bridge, Essex. (A.)

RAINE, S. W., Assistant Secretary, Goodmayes Hospital, Ilford, Essex. (A.)

RAINES, A. W., Deputy Clerk and Steward, Cambridgeshire Mental Hospital, Fulbourn, Nr. Cambridge. (A.)

RALLS, W. S. T., Secretary, Finance and Supplies Officer, Littlemore Hospital, Littlemore, Nr. Oxford. (F.)

RAMSEY, H. R., Administrative Assistant, Langthorne Hospital, London, E.11. (A.)

RANKIN, A. S., Secretary and Finance Officer, Board of Management for the Inverness Hospitals Inverness. (F.)

RANSON, R. W., F.C.I.S., Secretary, Halifax Area Hospital Management Committee, and Secretary Superintendent, Royal Halifax Infirmary, Halifax, Yorks. (A.)

RATCLIFF, F. (Retd.), "Grove Villa," Bittaford, Ivybridge, Devon. (F.)

RATHBONE, H., Assistant Clerk, Parkside Hospital, Macclesfield, Cheshire. (A.)

RAWLINGSON, F. S., Deputy Steward, St. Charles Hospital, London, W.10. (A.)

RAWLINSON, F. W., Assistant Steward, St. Giles Hospital, London, S.E.5. (A.)

RAY, J. E., Secretary, Isle of Wight Group Hospital Management Committee, St. Mary's Hospital, Newport, I.O.W. (F.)

RAYBON, Miss G. A. P., Assistant Secretary, Lichfield, Sutton Coldfield and Tamworth Group Hospital Management Committee, The General Hospital, Tamworth, Staffs. (A.)

RAYMOND, W. B., Assistant Master, St. Helen's Hospital, Hastings, Sussex. (A.)

READ, B. H., Secretary and Finance Officer, Norwich Mental No. 7 Hospital Management Committee, St. Andrews Hospital, Thorpe, Norwich. (F.)

READ, B. L., A.C.A., Clerk to the Governors, Secretary and Finance Officer, Guy's Hospital, London, S.E.1. (F.)

READ, W., F.C.I.S., Secretary, Wakefield No. 9 Hospital Management Committee, Clayton Hospital, Wakefield, Yorks. (F.)

REAY, J. H., Steward, East Riding General Hospital, Driffield, Yorks. (A.)

- REDDAWAY, C. L., Assistant Secretary, General Hospital, Nottingham. (F.)
- REES, H. I., Steward, Leicester Isolation Hospital and Chest Unit, Leicester. (F.)
- REES, Major H. J. V., Secretary, Brecon and Radnor Hospital Management Committee, Breconshire War Memorial Hospital, Brecon. (O.)
- REES, H. R., B.A.(Admin.), A.C.I.S., Deputy Secretary, Bournemouth and East Dorset Hospital Management Committee, Bournemouth. (F.)
- REES, S. A. H., A.R.San.I., Supplies Officer, Mid-Sussex Hospital Management Committee, Cuckfield Hospital, Cuckfield, Sussex. (A.)
- REESE, R. E., Secretary, Welsh Regional Hospital Board, Cardiff. (F.)
- REEVE, H. A., Assistant Secretary, Brompton Hospital, London, S.W.3. (F.)
- REEVES, F. R., A.C.A., Secretary and Chief Administrative Officer, Winchester Hospital Management Committee, Royal Hampshire County Hospital, Winchester. (F.)
- REGAN, R. S., Secretary Superintendent, Royal Surrey County Hospital, Guildford, Surrey. (O.)
- RENNER, A. R. C., Secretary, Rotherham and Mexborough Hospital Management Committee, Montagu Hospital, Mexborough, Yorks. (F.)
- RENVILLE, R. H., Clerk ("B"), Hellingly Hospital, Hailsham, Sussex. (A.)
- REVELL, H., Superintendent, Church Hill House, Mental Deficiency Institution, Bracknell, Berks. (A.)
- REYNOLDS, F. A., Secretary-Steward, Amersham General Hospital, Amersham, Bucks. (F.)
- REYNOLDS, F. W., Superintendent, St. Paul's Hospital, Cheltenham, Glos. (A.)
- REYNOLDS, Miss M., S.R.N., S.C.M. (Retd.), Longview, Harrogate, Yorks. (O.)
- REYNOLDS, Miss M. G., Administrative Staff, Nottingham General Hospital. (O.)
- REYNOLDS, Miss W. E., Administrative Officer, Birmingham and Midland Ear and Throat Hospital, Birmingham. (A.)
- REYNOLDS, W. J. D., First Accountancy Assistant, Netherne Hospital, Coulsdon, Surrey. (A.)
- RHIND, J. J., Deputy Steward, Selly Oak Hospital, Birmingham, 29. (A.)
- RHODEN, J. K., Supplies Officer, Edmonton Group Hospital Management Committee, North Middlesex Hospital, London, N.18. (A.)
- RHODES, A. E., Senior Accountancy Assistant, Graylingwell Hospital, Chichester. (O.)
- RHODES, J. H., Administrative Staff, Chesterfield and North Derbyshire Royal Hospital, Chesterfield. (O.)
- RHODES, T., Secretary, Medway and Gravesend Hospital Management Committee, St. Williams Hospital, Rochester, Kent. (F.)
- RICE, E. R., A.R.San.I., Paddington Group Hospital Management Committee, Paddington Hospital, London, W.9. (A.)
- RICE, L. G. T., A.C.I.S., Assistant Secretary, Guildford Group Hospital Management Committee, St. Luke's Hospital, Guildford, Surrey. (A.)
- RICH, F. J., A.C.I.S., Secretary, West Suffolk General Hospital, and Assistant Secretary, West Suffolk Hospital Management Committee, Bury St. Edmunds. (A.)
- RICHARDS, C. A. F., Deputy Steward, Paddington Hospital, London, W.9. (A.)
- RICHARDS, C. P., B.A. (Admin.), D.P.A., Supplies Officer, Doncaster Hospital Management Committee, Royal Infirmary, Doncaster. (F.)
- RICHARDS, D. J., Secretary, Pontefract and Castleford Hospital Management Committee, Pontefract General Infirmary, Pontefract, Yorks. (F.)
- RICHARDS, F. G., Clerk and Steward, Hillingdon Hospital, Hillingdon, Uxbridge, Middlesex. (A.)
- RICHARDS, L. W. E., A.C.A., Finance Officer, Holloway Sanatorium Hospital Management Committee, Holloway Sanatorium, Virginia Water, Surrey. (A.)
- RICHARDS, Miss M., Almoner, The Samaritan (Free) Hospital for Women, London, N.W.1. (O.)
- RICHARDS, N., A.R.San.I., Secretary, St. Helen's and District Hospital Management Committee, County Hospital, Whiston, Nr. Prescott, Lancs. (A.)
- RICHARDSON, J. W. D., Assistant Secretary, Hull (A) Group Hospital Management Committee, Hull. (A.)
- RICHARDSON, L. S., Supplies Officer, United Leeds Hospitals, General Infirmary, Leeds. (A.)
- RICHARDSON, R., Steward, Walkergate Hospital, Moor Hospital, and Secretary, Walker Accident Hospital, Newcastle-upon-Tyne, 6. (A.)
- RICHMOND, Major L., D.S.O., Hon. Secretary, Hospital Service Association of Merseyside, Liverpool, 2. (F.)
- RICKARD, P., D.P.A., Secretary and Finance Officer, Bournemouth and Poole Sanatorium Hospital Management Committee, Bournemouth. (A.)
- RIDING, F., Assistant Secretary, Whittingham Hospital, Nr. Preston, Lancs. (A.)
- RIDING, T., Administrative Staff, Whittingham Hospital, Whittingham, Nr. Preston, Lancs. (O.)
- RIGBY, Miss D. P., Secretary to House Governor and Committee Clerk, Royal Hospital, Wolverhampton. (A.)
- RIGBY, Mrs. E. J. G., A.C.I.S., Accounts Clerk, Cumberland Infirmary, Carlisle. (A.)
- RIGDEN, M. S., A.C.A., Finance Officer, St. Thomas's Hospital, London, S.E.1. (A.)
- RILEY, A., M.B.E., Administrative Assistant, Aitken Sanatorium, Holcombe, Bury, Lancs. (A.)
- RILEY, H., Grade "C" Clerk, Calderstones, Whalley, Nr. Blackburn, Lancs. (O.)
- RILEY, J. C., A.C.A., First Accountancy Assistant, St. Lawrence's Hospital, Bodmin, Cornwall. (O.)
- RIMMER, T., D.F.C., Secretary, Epsom Group Hospital Management Committee, Epsom District Hospital, Epsom, Surrey. (A.)
- RIPPIER, J. S., Secretary, South Worcestershire Hospital Management Committee, Worcester Royal Infirmary, Worcester. (F.)
- RIPPINGTON, A. E., A.C.I.S., Deputy Secretary, Winchester Group Hospital Management Committee, Highcroft, Winchester, Hants. (O.)
- RITCHIE, J. J. C., A.C.I.S., Secretary and Treasurer to the Board of Management for Glasgow Northern Hospitals, Glasgow. (F.)
- RITCHIE, K. D., Master of Works and Steward, South Lanarkshire Group of Hospitals, Law Hospital, Carlisle, Lanarkshire. (A.)
- ROACH, J., M.B.E., Secretary, Caerphilly District Miners' Hospital, Caerphilly, Glam. (F.)
- ROBBINS, J., Assistant Accountant, Middlesex Hospital, London, W.1. (F.)
- ROBBINS, K. H., Secretary, Aylesbury and District Hospital Management Committee, and Secretary-Superintendent, Royal Buckinghamshire Hospital, Aylesbury, Bucks. (A.)
- ROBERTS, A. C., Deputy Steward, Bracebridge Heath Hospital, Lincoln. (A.)
- ROBERTS, D. T., Deputy Secretary and Supplies Officer, Horton General Hospital, Banbury, Oxon. (F.)
- ROBERTS, H., A.R.San.I., Finance Officer, Leybourne Grange Hospital Management Committee, Leybourne Grange Colony, West Malling, Kent. (A.)
- ROBERTS, R. C., Secretary, Royal National Sanatorium, Bournemouth. (A.)
- ROBERTS, W. S., Secretary-Accountant, Llanidloes and District War Memorial Hospital, Llanidloes, Montgomery. (A.)
- ROBERTSON, F. S., Deputy Supplies Officer and Steward, St. Andrew's Hospital, Thorpe, Norwich. (A.)
- ROBERTSON, I., B.L., Secretary and Treasurer of Board of Management for Glasgow North Eastern Mental Hospitals, Glasgow. (F.)
- ROBINS, J. O., Secretary, West Bromwich Hospital Management Committee, West Bromwich and District General Hospital, West Bromwich. (A.)
- ROBINSON, C., Assistant Secretary-Steward, Withington Hospital, West Didsbury, Manchester, 20. (A.)
- ROBINSON, C., Administrative Staff, Stanley Royd Hospital, Wakefield, Yorks. (O.)
- ROBINSON, C. H. P., M.P.S., D.B.A., F.C.S., Group Chief Pharmacist, Mansfield and District General Hospital, Mansfield, Notts. (O.)
- ROBINSON, D. W. J., A.C.I.S., Assistant Accountant, St. George's Hospital, London, S.W.1. (A.)
- ROBINSON, G. A., Administrative Assistant, The Harts Hospital, Woodford Green, Essex. (A.)
- ROBINSON, G. A., A.C.A., Assistant Secretary and Accountant, National Hospital, Queen Square, London, W.C.1. (A.)
- ROBINSON, H. V., 11A, Ingersoll Road, London, W.12. (A.)
- ROBINSON, R., Administrative Officer, Victoria Hospital, Accrington, Lancs. (A.)
- ROBSON, Capt. J., Clerk to the Committee, Ashington Hospital, Ashington, Northumberland. (O.)
- RODWELL, R. J., First Administrative Assistant, Greenwich and Deptford Hospital Management Committee, St. Alfege's Hospital, London, S.E.10. (A.)
- ROFFEY, H. T., Supplies Officer, Cardiff Hospital Management Committee, St. David's Hospital, Cardiff. (F.)
- ROGERS, Comdr. B. L. (Retd.), Woodfield Cottage, Luston, Nr. Leominster, Hereford. (F.)
- ROGERS, S. F., Master, St. Andrew's Hospital, Biggleswade, Beds. (F.)

ROLLISTON, C. G. (Retd.), "Tresowes," Kings Drive, Willingdon, Eastbourne, Sussex. (F.)

ROPER, E. N., Secretary, Winford Group Hospital Management Committee and Secretary-Administrator, Winford Orthopaedic Hospital, Winford, Nr. Bristol. (A.)

ROSE, E., Administrative Staff, General Hospital, Nottingham. (O.)

ROSE, T. J., Finance Officer, Ilford and Barking Group Hospital Management Committee, King George Hospital, Ilford, Essex. (A.)

ROSS, I. S., Steward, Bridge of Earn Hospital, Perthshire. (A.)

ROSSER, Capt. A. J. W., T.D., Secretary, Paignton and District Hospital, Devon. (A.)

ROTHERY, E., Storekeeper, Storthes Hall Mental Hospital, Kirkburton, Huddersfield, Yorks. (A.)

ROUSE, L. T. C., Steward, Paddington Hospital, London, W.9. (F.)

ROUTLEY, E. E., Deputy Secretary and Finance Officer, The Manor, Epsom, Surrey. (F.)

ROUTLEY, P. F., Secretary, Finance and Supplies Officer, Rainhill Hospital Management Committee, Rainhill Hospital, Nr. Liverpool. (A.)

ROUVRAY, F. G., Secretary, Hospitals for Diseases of the Chest, and House Governor, Brompton Hospital, London, S.W.3. (F.)

ROWLEY, P. W., Secretary, Liverpool Region Children's Hospital Management Committee, Alder Hey Hospital, West Derby, Liverpool. (F.)

ROWLEY, R. A., Senior Administrative Assistant, Upton Mental Hospital, Upton, Chester. (A.)

ROWSON, W. L., Administrative Officer, Royal Salop Infirmary, Market Drayton Cottage Hospital, Monkmoor Isolation Hospital, Shrewsbury. (O.)

ROYS, P. J., Administrative Assistant, Royal Gwent Hospital, Newport, Mon. (A.)

RUDD, H. A., Administrative Officer, Queen Elizabeth and Sheriff Hill Joint Hospitals, Gateshead. (A.)

RUEL, J. F., Supplies Officer, Greenwich and Deptford Hospital Management Committee, St. Alfege's Hospital, Vanbrugh Hill, Greenwich, London, S.E.10. (A.)

RUSHTON, F., A.I.M.T.A., A.S.A.A., Finance Officer, Bath Hospital Management Committee, Bath. (A.)

RUSSELL, D. W., Senior Secretarial Assistant, Graylingwell Hospital, Chichester, Sussex. (A.)

RUSSELL, W. J., Assistant Secretary, Eastern Hospital, London, E.9. (A.)

RUTHERFORD, H. F., House Governor and Secretary, Hospital for Sick Children, London, W.C.1. (F.)

RUTHERFORD, R. L., Supplies Officer, Leytonstone Group No. 10 Hospital Management Committee, Langthorne Hospital, London, E.11. (F.)

RUTTER, W. (Retd.), 27, Rodney Street, Liverpool, 1. (F.)

RYAN, H. E., Chief Administrative Officer, Reading and District Hospital Management Committee, Royal Berkshire Hospital, Reading, Berks. (F.)

RYLEY, H. S. A., Administrative Officer, The Northern Counties Hospital for Incurables, Manchester, 2. (F.)

S

SADLER, R. A., Clerk and Steward, Scalebor Park Hospital, Burley-in-Wharfedale, Yorks. (F.)

SAGE, J., Assistant Secretary, Cossham-Frenchay Hospital Management Committee, Frenchay Hospital, Bristol. (A.)

SAINSBURY, E. G., A.C.I.S., Assistant Secretary, Scarborough, Bridlington, Malton and Whitby Group Hospital Management Committee, Scarborough Hospital, Scarborough. (A.)

SALLIS, H. J., Clerk Storekeeper, Wanstead Hospital, London, E.11. (A.)

SALT, R., Senior Accountancy Assistant, Middlewood Hospital, Sheffield, 6. (O.)

SALTER, Miss A. L., Administrative Staff, Saxondale Hospital, Radcliffe-on-Trent. (O.)

SALTER, H. T., Manager, Kirkdale Homes, Liverpool, 4. (F.)

SAMPSON, A. T., Secretary to North Manchester Hospital Management Committee, Crumpsall Hospital, Manchester, 8. (F.)

SAMPSON, Miss E., Assistant Steward, St. Matthew's Hospital, Burntwood, Lichfield, Staffs. (O.)

SAMPSON, G. R., Deputy to the Secretary and Supplies Officer, Stoke Park Colony Group Hospital Management Committee, Clevedon, Somerset. (A.)

SANCTUARY, A. G. E., M.A.(Cantab.) Administrator, United Oxford Hospitals, Radcliffe Infirmary, Oxford. (F.)

SANDERSON, A. W., M.B., Ch.B., House Governor and Secretary, United Newcastle-on-Tyne Hospitals, Royal Victoria Infirmary, Newcastle-on-Tyne. (F.)

SANDRY, P. N. K., Senior Clerk, St. Lawrence's Hospital, Bodmin. (O.)

SARGEANT, S. B., Finance Officer, Orpington Hospital Management Committee, Orpington Hospital, Orpington, Kent. (A.)

SARJEANT, E. H. M., Assistant Clerk and Steward, Barming Heath Hospital, Maidstone, Kent. (O.)

SAUL, G. M., Hospital Administrator, Royal Victoria and West Hants Hospital, Boscombe, Bournemouth. (F.)

SAUNDERS, E. C., Deputy Supplies Officer, Bexley Hospital, Bexley, Kent. (A.)

SAUNDERS, F. R., Deputy Supplies Officer, Tooting Bec Hospital, London, S.W.17. (A.)

SAUNDERS, Miss G. S., Administrative Staff, Coleshill Hall, Coleshill, Birmingham. (A.)

SAUNTER, F. S., Lay Administrator, Ministry of Pensions No. 3 Polish Hospital, Penley, Nr. Wrexham, Denbighshire. (A.)

SAWYER, A. W., Steward's Chief Clerk, Forest Gate Hospital, London, E.7. (A.)

SAXTON, W., Administrative Assistant, Leeds Regional Hospital Board, Leeds. (A.)

SCANDLING, D., Administrative Assistant, Tooting Bec Hospital, London, S.W.17. (A.)

SCOTT, D. B. T., Secretary, Tyrone Co. Hospital, Omagh, Northern Ireland. (A.)

SCOTT, E. H., 6, Priory Close, Beckenham, Kent. (A.)

SCOTT, I. G., Secretary, Miller General Hospital, London, S.E.10. (O.)

SCOTT, K. I., Bermondsey and Southwark Group Hospital Management Committee, New Cross General Hospital, London, S.E.14. (A.)

SCOTT, R. J., Storekeeper, Prudhoe and Monkton Hospital, Prudhoe Hall, Prudhoe-on-Tyne, Northumberland. (O.)

SCOTT, R. M., Steward, Stracathro Hospital, Brechin, Angus. (A.)

SCOTT, T., Clerk and Steward, Naburn Hospital, York. (A.)

SCRAGG, D. F., "White House," Allenby Road, Biggin Hill, Kent. (O.)

SCRIVENS, A. H., Deputy Clerk and Steward, Park Prewett Hospital, Basingstoke, Hants. (O.)

SCRIVENS, G. V., Finance Officer, Coldeast Hospital Management Committee, and Clerk and Steward of Coldeast Hospital, Salisbury Green, Nr. Southampton. (F.)

SCRUTION, W. H., Accountant, Manor House Hospital, London, N.W.11.

SEABRIDGE, A., Secretary and Steward, St. Nicholas Hospital, Gosforth, Newcastle-on-Tyne, 3. (F.)

SEARJEANT, J. E., Administrative Officer, West Norfolk and King's Lynn General Hospital, King's Lynn. (O.)

SEATH, C. F., Secretary, Institute of Ophthalmology, London, W.C.1. (O.)

SELF, H. C., Supplies Officer, Battersea and Putney Group Hospital Management Committee, St. John's Hospital, London, S.W.11. (F.)

SEPP, N. J., Administrator, Shadyside Hospital, Pittsburgh, U.S.A. (Honorary Fellow.)

SHARE, C. F., Assistant Administrator, United Oxford Hospitals, Churchill Hospital, Headington, Oxford. (A.)

SHARPLES, A., Assistant Secretary, Hertford County Hospital, Hertford, Herts. (A.)

SHARPLES, A. A., B.E.M., Administrative Assistant, Brockhall Institution, Langho, Nr. Blackburn, Lancs. (A.)

SHARPLES, R., A.I.M.T.A., Finance Officer, Torquay District Hospital Management Committee, Newton Abbot, South Devon. (A.)

SHAW, F., Wigan and Leigh Hospital Management Committee, Knowsley House, Wigan. (A.)

SHEARER, D. E., Stores Clerk ("C"), Littlemore Hospital, Littlemore, Oxford. (O.)

SHEARING, Miss L. J., Secretary's Secretary, National Hospital, London, W.C.1. (O.)

SHEE, W. A., Secretary, Leeds Regional Hospital Board, Leeds. (F.)

SHEFFIELD, L. A. S., Supplies Officer, Lambeth Group Hospital Management Committee, London, S.E. (A.)

SHELDON, W., Supplies Officer, Bury and Rossendale Hospital Management Committee, Aitken Sanatorium, Holcombe, Nr. Bury, Lancs. (A.)

SHELLEWELL, H. B., Secretary, Salford Hospital Management Committee, and General Superintendent and Secretary, Salford Royal Hospital, Manchester. (F.)

SHEPHERD, G. D., M.B.E., J.P., F.C.A. (Retd.), Oakhurst, Ty Gwyn Road, Cardiff. (F.)

- SHEPHERD, J., Clerk and Treasurer's Assistant (First), Bellsdyke Mental Hospital, Larbert, Stirlingshire. (O.)
- SHEPHERD, W. L., Master, Roose Hospital, Barrow-in-Furness, Lancs. (A.)
- SHEPPARD, S. E., Controller, Mid-Herts Group Hospital Management Committee, Hill End Hospital, St. Albans, Herts. (F.)
- SHIPMAN, Miss M. J., Assistant Secretary, Royal Hospital, Richmond, Surrey. (O.)
- SHIRLEY, F., Administrative Officer, Henley Area Hospitals (4), Townlands Hospital, Henley-on-Thames, Oxon. (A.)
- SHORTER, A., Steward, Mile End Hospital, London, E.1. (F.)
- SHOWELL, W. F., M.M., Steward, St. Faith's Hospital, Brentwood, Essex. (A.)
- SHREEVE, J. A., Administrative Staff, Aston Hall, Aston-on-Trent, Nr. Derby. (O.)
- SIDDERS, Mrs. E. M., Assistant Secretary, King Edward Memorial Hospital, London, W.13. (A.)
- SIDNELL, W. H., House Governor, Evelina Hospital for Sick Children, and Supplies Officer, Guy's Hospital, London, S.E.1. (F.)
- SIGGINS, G., Secretary, Macclesfield District Hospital Management Committee, West Park General Hospital, Macclesfield, Cheshire. (A.)
- SIMKIN, O. F., Salaries and Wages Clerk, Little Plumstead Hall, Norwich, Norfolk. (O.)
- SIMMS, R. G., Chief Clerk, Shenley Hospital, Nr. St. Albans, Herts. (A.)
- SIMPSON, A. H., Clerk and Steward, Bourne Certified Institution, Bourne, Lincs. (A.)
- SIMPSON, A. J., Secretary, George Woodfindin Convalescent Home, Sheffield. (O.)
- SIMPSON, A. V. (Retd.), Greneleigh, Cropwell Road, Radcliffe-on-Trent, Notts. (F.)
- SIMPSON, R., Assistant Secretary, Scarborough, Bridlington, Whitby and Malton Hospital Management Committee, The Adela Shaw Orthopaedic Hospital, Kirbymoorside, Yorks. (A.)
- SIMPSON, W. B., Supplies Officer, Wandsworth Group Hospital Management Committee, Grove Hospital, London, S.W.17. (F.)
- SIMS, A. A., Chief Clerk (Catering Department), London Hospital, London, E.1. (O.)
- SINCLAIR, J. M., Steward, Eastern General Hospital, Edinburgh. (F.)
- SINCLAIR-SMITH, Mrs. V. M., Secretary and Receptionist, Creston Valley Clinic, Creston, British Columbia, Canada. (A.)
- SINGLETON, Miss H. S., Organiser, General Hospital, Nottingham. (O.)
- SKELTON, T. C., Assistant Clerk, Exminster Hospital, Exminster, Nr. Exeter, Devon. (O.)
- SKINNER, A. S., Assistant Storekeeper, Hellesdon Hospital, Norwich, Norfolk. (O.)
- SLACK, E., Administrative Officer, St. Wool's Hospital, Newport, Mon. (F.)
- SLATER, M., Secretary-Superintendent, Home for Aged Jews, London, S.W.12. (A.)
- SLYMAND W., Steward, Killearn Hospital, Glasgow. (A.)
- SMALLEY, D., Secretary, Loughborough General Hospital, Loughborough, Leics. (A.)
- SMALLWOOD, E. G., Finance Officer, West Wilts. Hospital Management Committee, Trowbridge. (A.)
- SMART, N. L. V., Administrative Assistant, City General Hospital, Gloucester. (A.)
- SMETHURST, Miss N. A., Assistant Clerk, St. Matthew's Hospital, Burntwood, Nr. Lichfield, Staffs. (O.)
- SMITH, A. C., Administrative Assistant, Papworth Hospital Management Committee Group No. 2, Assistant Secretary and Assistant Supplies Officer, Papworth Village Settlement, Cambridge. (A.)
- SMITH, C. M., A.C.A., F.C.I.S., Secretary, Mid-Worcestershire Hospital Management Committee, All Saints Hospital, Bromsgrove. (F.)
- SMITH, F. B., Secretary and Treasurer, East Fife Hospitals Board of Management, Kirkcaldy, Scotland. (A.)
- SMITH, J. C., F.C.I.S. (Retd.), The Haven, 347, Old Bath Road, Cheltenham, Glos. (F.)
- SMITH, J. E., Secretary, Burton-upon-Trent Hospital Management Committee, and Superintendent-Secretary, General Infirmary, Burton-on-Trent, Staffs. (A.)
- SMITH, Miss J. M., Administrative Staff, Belgrave Hospital for Children, London, S.W.9. (O.)
- SMITH, L. F., Accountants Department, Middlesex Hospital, London, W.1. (O.)
- SMITH, L. R., A.R.San.I., Senior Administrative Assistant, Park Prewett Hospital, Basingstoke, Hants. (F.)
- SMITH, Mrs. O. K., Administrative Staff, East Suffolk and Ipswich Hospital, Ipswich, Suffolk. (O.)
- SMITH, R., Supplies Officer, Blackpool and Fylde Hospital Management Committee, Victoria Hospital, Blackpool, Lancs. (O.)
- SMITH, R. M., C.A., "Willsdene," Montrose Road, Auchterarder, Perthshire. (F.)
- SMITH, S. F., Assistant Clerk, Durham County Mental Hospital, Sedgefield, Stockton-on-Tees. (A.)
- SMITH, S. W., Assistant Secretary, Mansfield Hospital Management Committee, Mansfield and District General Hospital, Mansfield, Notts. (A.)
- SMITH, T. McL., Storeman, Bellsdyke Mental Hospital, Larbert. (O.)
- SMITH, W. R., A.C.I.S., Secretary, Blackpool and Fylde Hospital Management Committee, Victoria Hospital, Blackpool, Lancs. (F.)
- SMITH, W. S., M.B.E., A.R.San.I., Secretary, Cornwall Mental Hospital Management Committee, St. Lawrence's Hospital, Bodmin, Cornwall. (F.)
- SMITHER, G. E., Steward, Lenham Sanatorium, Nr. Maidstone, Kent. (A.)
- SMYTH, P. W., Clerk ("B"), Cell Barnes Colony, St. Albans, Herts. (A.)
- SOLMAN, F. H. C., Superintendent, Royal Southern Hospital, Liverpool. (F.)
- SOLOMAN, A., Finance Clerk, Warlingham Park Hospital, Warlingham, Surrey. (A.)
- SOWERBUTTS, G. L., B.Com.(Lond.), LL.B., Chairman and Managing Director, The Rapid Results College Ltd., Melbourne C.1, Victoria, Australia. (A.)
- SPACEY, H. S., Deputy Supplies Officer, Portsmouth Group Hospital Management Committee, St. Mary's Hospital, Portsmouth, Hants. (A.)
- SPARKES, R. C., Assistant Finance Officer, Guildford Group Hospital Management Committee, St. Luke's, Guildford, Surrey. (A.)
- SPARROW, H. G., A.R.San.I., Deputy Finance and Supplies Officer, Darenth Park Hospital, Dartford, Kent. (A.)
- SPENCE, C. H., Secretary to Hospital Management Committee, and Secretary-Superintendent, Noble's Hospital, Douglas, Isle of Man. (F.)
- SPENCE, W., General Clerk, Carlton Hayes Hospital, Narborough, Leicester. (O.)
- SPENCER, Miss E. G., Assistant Secretary, Acton Hospital, London, W.3. (A.)
- SPENCER, L., Secretary, Wrexham and East Denbighshire War Memorial Hospital, Wrexham. (F.)
- SPENCER, W. G., Secretary, Birmingham Accident Hospital, Birmingham, 15. (F.)
- SPITTLEHOUSE, K., Administrative Assistant to Peterborough Area Hospitals Management Committee and Secretary North Cambridgeshire Hospital, Wisbech, Cambs. (A.)
- SPONG, E. W., Steward, Queen Mary Hospital, Hong Kong. (A.)
- SPOONER, H. (Retd.), "Greyholme," 35, Wentworth Avenue, Boscombe, Hants. (F.)
- SPOONER, N. B., Administrative Assistant, Digby Hospital, Exeter, Devon. (O.)
- SPOONER, P. F., F.C.I.S., Secretary to Group House Committees, Brighton and Lewes Hospitals Management Committee, Royal Alexandra Hospital for Sick Children, Brighton. (F.)
- SPOONER, W. A., Supplies Officer, Romford Hospital Management Committee, Oldchurch Hospital, Romford, Essex. (F.)
- SQUIRES, A. W., Administrative Officer, Woolwich Group Hospital Management Committee, Erith and District Hospital, Erith, Kent. (A.)
- SQUIRES, W. D., Steward, Heatherwood Hospital, Ascot, Berks. (F.)
- STAGG, Miss M. E. F., Secretary, Moseley Hall Hospital for Children, Birmingham. (O.)
- STAMMER, E. G., Administrative Assistant, St. Ebba's and Sutton Hospital Management Committee, Belmont Hospital, Sutton, Surrey. (A.)
- STAMP, J. E., Supplies Officer, Derby Area No. 2 Hospitals Management Committee, Derby. (F.)
- STANBURY, Miss D. M., Assistant Secretary, Royal Hampshire County Hospital, Winchester. (A.)
- STANGROOM, A., Secretary, West Cumberland Hospitals Management Committee, Workington Infirmary, Workington. (A.)
- STANLEY, H. M., Secretary, Nottingham No. 1 Area Management Committee, General Hospital, Nottingham. (F.)
- STANTON, R., Chief Clerk, Napsbury Hospital, Nr. St. Albans, Herts. (A.)
- STARK, T., Supplies Officer, Dewsbury Hospitals Management Committee No. 11, c/o Dewsbury and District General Infirmary, Dewsbury, Yorks. (A.)

STARK, W. A., Administrative Secretary, Medical Department, Colony and Protectorate of Sierra Leone, Freetown. (A.)

STARLING, A. E., Accountant, Harrow General Hospital, Harrow, Middlesex. (A.)

STARLING, S. E., Storekeeper, Cambridgeshire Mental Hospital, Fulbourn, Cambs. (O.)

STATON, G. R., Deputy Clerk and Steward, Mapperley Hospital, Nottingham. (O.)

STEDMAN, F. R., Assistant Secretary, Salford Hospitals Management Committee, Hope Hospital, Salford, Lancs. (A.)

STEELE, P. H., M.A., Secretary, British Home and Hospital for Incurables, London, S.W.16. (A.)

STEELE, W. E., Chief Administrative Officer and Secretary, St. Mary's Hospital, Etchinghill, Kent. (A.)

STEELE, W. T. P., Superintendent, Aldersbrook Homes and Maternity Hospital, London, E.11. (F.)

STEPHENS, H., Secretary, Royal Earlswood Hospital Management Committee, Royal Earlswood Institution, Redhill, Surrey. (F.)

STEPHENS, W. B. R., Senior Assistant Clerk, Runwell Hospital, Nr. Wickford, Essex. (A.)

STEPHENSON, C. M., Assistant Secretary, Victoria Hospital, Burnley, Lancs. (O.)

STEPHENSON, W. J., Secretary, Lowestoft and North Suffolk Hospital, Lowestoft and Beccles and District War Memorial Hospital, Beccles, Suffolk. (F.)

STEVENS, N. W., Chief Clerk, Royal Hospital and Home for Incurables, London, S.W.15. (A.)

STEVENS, W. A., A.C.I.S., Secretary and Treasurer, Board of Management for the Perthshire General Hospitals, Perth Royal Infirmary, Perth. (F.)

STEVENSON, R. C., A.S.A.A., F.C.I.S., Secretary, Manchester and Salford Hospital Saturday and Convalescent Homes Fund, Inc., Manchester, 1. (F.)

STEWART, A. F. T. (Retd.), "Lorraine," Richmond Road, Abergavenny. (F.)

STOBBS, Miss P., F.L.A.A., Accountant, Royal Cripples Hospital, Birmingham. (A.)

STOCKDALE, L., A.C.I.S., Assistant Secretary, St. Mary's Hospitals, Manchester, 13. (A.)

STOCKTON, Miss E. M., Assistant Secretary, Mildmay Hospital, Bethnal Green, London, E.2. (O.)

STOCKWELL, E. W., Secretary-Superintendent, Paddington Green Children's Hospital, London, W.2. (F.)

STOKES, H. B. (Retd.), Sydenhams, Bisley, Glos. (F.)

STONE, A. W., Administrative Officer, Sheppey General Hospital, Minster, Sheppey, Kent. (A.)

STONE, F., Clerk and Steward, Lingfield Epileptic Colony, Lingfield, Surrey. (A.)

STONE, J. E. (Capt.), C.B.E., M.C., F.S.A.A., Director, Division of Hospital Facilities and Consultant on Hospital Administration and Finance, King Edward's Hospital Fund for London, London, E.C.2. (F.)

STOPPARD, S., Senior Administrative Assistant, Rotherham Hospital, Rotherham, Yorks. (F.)

STRACY, Miss A. M., Domestic Administrator, St. Thomas's Hospital, Godalming, Surrey. (O.)

STRAFFORD, A., A.C.I.S., A.C.W.A., Finance Officer, Hospital Management Committee No. 10, Wakefield "B" Group, Wakefield, Yorks. (A.)

STRANKS, P. D., Accountant, Willesden General Hospital, London, N.W.10. (A.)

STRETTON, C. D., Cashier, Westminster Hospital, London, S.W.1. (A.)

STRETTON, W., Assistant Clerk, St. Bernard's Hospital, Southall, Middlesex. (O.)

STRETTON, W. P. L., Finance Officer, Northern Group Hospitals Management Committee, Royal Northern Hospital, London, N.7. (A.)

STRICKLAND, J. W., Secretary, Kent County Ophthalmic and Aural Hospital, Maidstone, Kent. (F.)

STRIDE, Mrs. I., Administrative Officer, Reading Group Hospitals Management Committee, Royal Berkshire Hospital, Reading, Berks. (A.)

STROUD, R. E., Supplies Officer, Nottingham Area No. 4 Hospitals Management Committee, Saxon-dale Hospital, Radcliffe-on-Trent, Notts. (A.)

STRUDLEY, D. W., Secretary and Treasurer, Board of Management of the Perthshire Mental Hospitals, Perth, Scotland. (A.)

STUART, E. F., A.C.I.S., Assistant Hospital Secretary and Welfare Officer, Ministry of Pensions, Ronkswood Hospital, Worcester. (A.)

STUART, W. H., Storekeeper, The Towers Hospital, Humberstone, Leicester. (A.)

STUBBS, A., Administrative Officer, Chorley and District Hospital, Eaves Lane Hospital, The Isolation Hospital, Chorley, Lancs. (A.)

STYCHE, W. H., Deputy Secretary, Finance and Supplies Officer, Runwell Hospital, Nr. Wickford, Essex. (A.)

SUCKSMITH, N., Chief Administrative Officer, St. Michael's Hospital, Aylsham, Norfolk. (A.)

SULLIVAN, J., A.L.A.A., Senior Administrative Officer and Clerk to the House Committee, Royal Devon and Exeter Hospital, Exeter. (A.)

SUMMERFIELD, W. L., Ph.C., M.P.S., Group Chief Pharmacist, King's Lynn Hospitals Group, West Norfolk and King's Lynn General Hospital, King's Lynn. (A.)

SUMNER, K., A.C.A., Secretary, Derby Area No. 1 Hospitals Management Committee, Derby. (F.)

SUNNUCK, G. E., 34, Westbrook Drive, Chesterfield, Derby. (Honorary Member.)

SUTHERLAND, P., Secretary and Treasurer, Board of Management for the Shetland Hospitals, Lerwick, Shetland. (O.)

SUTHREN, C. J. D., Assistant to the Superintendent, Liverpool Royal Infirmary, Liverpool. (A.)

SUTTON, J. L., Steward, Princess Mary's Hospital (Rehabilitation), Cliftonville, Margate, Kent. (A.)

SWAFFIELD, T. H., Acting Steward, St. Matthew's Hospital, London, N.1. (A.)

SWIFT, E., Steward, Convalescent Hospital, The Promenade, Southport, Lancs. (A.)

SYLVESTER, B., House Governor, Queen Elizabeth Hospital and Birmingham and Midland Hospitals for Women, Birmingham, 15. (F.)

T

TAIT, J. A., House Steward, Kingseat Mental Hospital, Newmachar, Aberdeenshire. (A.)

TALBOT, R., Secretary, Castle Hospital and Clerk to the House Committee, Okehampton Group of Hospitals and Moretonhampstead and Bovey Tracey Hospitals, Okehampton, Devon. (A.)

TANNER, G., Senior Administrative Assistant, Bristol Mental Hospital, Fishponds, Bristol. (O.)

TARLTON, W. J., Assistant Clerk, St. Bernard's Hospital, Southall, Middlesex. (A.)

TARRANT, A. J. M., House Governor, Moorfields, Westminster and General Eye Hospital, London, E.C.1. (F.)

TATTUM, W., Master, Shaw Heath Hospital, Stockport, Cheshire. (F.)

TAYLER, J. R. T., Secretary, Northwood, Pinner and District Hospital, and Assistant Secretary, Harefield and Northwood Group Hospitals Management Committee, Northwood, Middlesex. (O.)

TAYLOR, A. (Retd.), "Pennine," Parkfields Drive, Derby. (F.)

TAYLOR, A. H., Assistant Secretary and Accountant, The Royal Infirmary of Edinburgh and Associated Hospitals, Edinburgh. (F.)

TAYLOR, A. W., Administrative Officer, The Skin Hospital, Birmingham, 1. (A.)

TAYLOR, B. F., Administrative Assistant, South East Metropolitan Regional Hospital Board, London. (A.)

TAYLOR, C. R. O., F.C.I.S., Inspecting Officer, Ministry of Pensions Hospitals, Blackpool, Lancs. (F.)

TAYLOR, E. D., Supplies Officer, No. 11 Forest Group Hospitals Management Committee, London, E.11. (F.)

TAYLOR, E. E., Secretary, South East Essex Group Hospitals Management Committee, Thurrock Hospital, Grays, Essex. (A.)

TAYLOR, E. W., Grade "A" Clerk, St. George's Hospital, Stafford. (A.)

TAYLOR, F. A. C., F.C.I.S., Secretary-Superintendent, Peterborough and District Memorial Hospital, Peterborough, Northants. (F.)

TAYLOR, G. H., T.D., Assistant Secretary, Manchester Royal Infirmary, Manchester. (A.)

TAYLOR, Miss G. L., Maintenance Clerk, The General Infirmary at Leeds. (O.)

TAYLOR, H., Administrative Assistant, Secretariat, Ilkley and Otley Hospitals Management Committee, Wharfedale Hospital, Menston, Nr. Leeds. (O.)

TAYLOR, H., Secretary, Manchester Babies and Children's Hospital Management Committee, Booth Hall Hospital, Manchester. (F.)

TAYLOR, H. A., Steward, The Mental Hospital, Powick, Nr. Worcester. (O.)

TAYLOR, H. S., Administrative Officer (Supplies), Royal Albert Edward Infirmary, Wigan, Lancs. (A.)

TAYLOR, H. S. B., Master, Ridgewood Institution, Uckfield, Sussex. (A.)

- TAYLOR, K. H., Assistant Secretary, Clwyd and Deeside Hospitals Management Committee, Lluestry General Hospital, Holywell, North Wales. (A.)
- TAYLOR, Miss M., Secretary, Group B House Committee, Brighton and Lewes Hospitals Management Committee, Royal Sussex County Hospital, Brighton. (F.)
- TAYLOR, N. H., Administrative Assistant, Horton Road and Coney Hill Hospitals, Gloucester. (A.)
- TAYLOR, P. E., Assistant Secretary, Taunton Hospital Management Committee, Taunton and Somerset Hospital, Taunton, Somerset. (A.)
- TAYLOR, W. C. W., Deputy Finance Officer, Chesterfield Hospital Management Committee, Chesterfield. (A.)
- TAYLOR, W. W., Assistant Secretary (Deputy), St. Andrew's Hospital, Thorpe, Norwich. (A.)
- TEASDALE, J. H., F.C.I.S. (Retd.), 48, Wickham Road, Beckenham, Kent. (F.)
- TEASDALE, L., Secretary and Superintendent, Batley and District General Hospital, Batley, Yorks. (A.)
- TEDHAM, Miss H. M., M.P.S., Chief Pharmacist, St. John's Hospital for Diseases of the Skin, London, W.C.2. (O.)
- TEESDALE, A. E., Chief Pharmacist, Royal Hants County Hospital, Winchester, Hants. (O.)
- TERRY, P. W., Supplies Officer, Eastbourne Hospital Management Committee, and Administrative Officer, St. Mary's Hospital, Eastbourne, Sussex. (A.)
- TETT, T. H. B., Clerk in Charge, Stoke Park Colony, Stapleton, Bristol. (A.)
- THACKER, G. A., F.C.I.S., Finance Officer and Supplies Officer, Dorset and Dorchester Hospital Management Committee, Herrison Hospital, Dorchester. (F.)
- THICK, L. C., Assistant Steward, St. Olave's Hospital, London, S.E.16. (A.)
- THOMAS, B. W. E., Administrative Assistant, Runwell Hospital, Nr. Wickford, Essex. (A.)
- THOMAS, C., Secretary, Aberdare and District General Hospital, Aberdare. (A.)
- THOMAS, D. M., A.C.I.S., Secretary and Finance Officer, Rhymney Valley Hospital Management Committee, Caerphilly and District Miners' Hospital, Caerphilly. (F.)
- THOMAS, J. R., Finance and Supplies Officer, Birmingham No. 6 (Mental "B") Hospital Management Committee, Rubery Hill Hospital, Birmingham. (A.)
- THOMAS, J. W., Secretary and Finance Officer, Middleton and Grassington Hospital Management Committee No. 20, The Hospital, Middleton-in-Wharfedale, Nr. Ilkley, Yorks. (A.)
- THOMAS, K. W., A.I.M.T.A., A.C.W.A., Finance Officer, Clwyd and Deeside Hospital Management Committee, Rhyl, North Wales. (A.)
- THOMAS, R. C., F.C.I.S. (Retd.), 149, Coronation Road, Southville, Bristol, 2. (F.)
- THOMAS, R. S. H., Secretary to the Board of Governors, Queen Charlotte's and Chelsea Hospitals, London, W.6. (A.)
- THOMAS, S. G., Deputy Clerk and Steward, Cefn Coed Hospital, Swansea. (A.)
- THOMAS, S. P., F.C.A., Secretary, The Dental Hospital, Birmingham, 3. (A.)
- THOMAS, W. J., Assistant Secretary, Welsh Regional Hospital Board, Cardiff. (A.)
- THOMPSON, B. F., Assistant Secretary, St. Laurence's Hospital Management Committee, Caterham, Surrey. (A.)
- THOMPSON, Mrs. P. C., Assistant Secretary, Woodside Hospital, Muswell Hill, London, N.10. (O.)
- THOMPSON, S. F. J. (Retd.), 81, Parcmaen Street, Carmarthen. (F.)
- THOMPSON, T., Secretary-Superintendent, Clacton and District Hospital, Clacton, Essex. (F.)
- THOMPSON, T. W., Chief Officer, Portrack Lodge General Hospital, Stockton-on-Tees. (F.)
- THOMSETT, R. G. W., Accountancy Assistant, Royal Sussex County Hospital, Brighton, Sussex. (A.)
- THOMSON, R. A., Medical Records Officer, Glasgow Royal Infirmary, Glasgow. (O.)
- THORLEY, J. W., Supplies Officer, Lord Mayor Treloar's Orthopaedic Hospital, Alton, Hants. (A.)
- THORPE, J. E., Senior Administrative Assistant, St. Matthew's Hospital, Burntwood, Lichfield, Staffs. (A.)
- THRIFT, L. M., Finance Officer, Redhill Group Hospital Management Committee, Redhill County Hospital, Redhill, Surrey. (A.)
- TIDSWELL, V., Secretary, Private Patients Home, Royal Infirmary, Manchester. (A.)
- TILEY, Miss M. J., Senior Clerk, Winford Orthopaedic Hospital, Nr. Bristol. (A.)
- TILEY, S. J., Senior Clerk, Barming Heath Hospital, Maidstone, Kent. (A.)
- TILL, A. G., Secretary, Group 23, Birmingham Hospital Management Committee, Lichfield, Staffs. (F.)
- TIMPERLEY, P., Chairman, South Cheshire Hospital Management Committee, Crewe. (Honorary Member.)
- TIMS, N. S., Administrative Assistant (Finance), Paddington Group Hospitals Management Committee, London, W.2. (A.)
- TIMSON, W. J., Deputy Clerk and Steward, Cell Barnes Colony, St. Albans, Herts. (O.)
- TINGAY, W. G. F. (Retd.), Windy Ridge, Handforth Road, Wilmslow, Cheshire. (F.)
- TINKER, R., Secretary, Chalfonts and Gerrards Cross Hospital, Chalfont St. Peter, Bucks. (O.)
- TIPLADY, T. P., Secretary, Morecambe and Heysham Queen Victoria Hospital, Morecambe, Lancs. (A.)
- TIPLER, V. C., "A" Clerk, Northampton County Mental Hospital, Berrywood, Northampton. (A.)
- TIPPER, A. C., Clerk (Clerical Division), Digby Hospital, Digbys, Exeter. (O.)
- TIPTON, S., Administrative Assistant, Leicester Area No. 1 Hospital Management Committee, Leicester. (F.)
- TITLEY, L. J., Master, St. Catherine's Hospital Annexe, Birkenhead. (A.)
- TIVEY, G. W., Administrative Officer, St. Mary Abbott's Hospital, Kensington, London, W.8. (A.)
- TOMBS, K. G., Organising Secretary, Industrial Orthopaedic Society, Cardiff. (O.)
- TOMES, R. L. C., Medical Superintendent's Clerk, Horton Road and Coney Hill Hospitals, Gloucester. (O.)
- TOMLIN, A. E., Administrative Staff, Edgware General Hospital, Edgware, Middlesex. (A.)
- TOMLINSON, C. G., Secretary, Banbury and District Hospital Management Committee, Banbury. (A.)
- TOMLINSON, F. G., Master, Scarsdale Hospital, Chesterfield. (F.)
- TOMLINSON, Miss G., Secretary, The Wilson Hospital, Mitcham, Surrey. (O.)
- TOMLINSON, H., Chief Engineer, Chesterfield and North Derbyshire Royal Hospital, Chesterfield. (O.)
- TOMLINSON, J., Group Engineer, Leeds "A" Group Hospital Management Committee, Leeds, 9. (A.)
- TOMPSETT, H. D., Administrative Assistant, Bromley Group Hospitals Management Committee, Farnborough Hospital, Farnborough, Kent. (A.)
- TOOVEY, W., M.B.E., Secretary-Superintendent, Surbiton Hospital, Surbiton, Surrey. (O.)
- TORDOFF, O. O., Superintendent, Tower House Hospital, Salisbury, Wilts. (A.)
- TOTTS, J. A., Assistant Steward, Oldchurch Hospital, Romford, Essex. (A.)
- TOWERS, A. C., Secretary, Creaton Sanatorium, Northampton.
- TOWNSEND, E. H. H., A.R.San.I., Administrative Assistant, Horton Hospital, Epsom, Surrey. (A.)
- TOWNSON, E., Administrative Officer, Wesham Park Hospital, Kirkham, Lancs. (A.)
- TRACE, M. A., Administrative Officer, Burnley General Hospital, Burnley, Lancs. (A.)
- TRAPNELL, F. J. B., Clerk and Steward, Smithdown Road Hospital, Liverpool, 15. (F.)
- TRAVIS, H. P., General Superintendent, Bolton Royal Infirmary, and Secretary, Bolton and District Hospitals Management Committee, Bolton, Lancs. (A.)
- TREAGUS, K. W. G., Deputy House Governor, Hospital for Sick Children, London, W.C.1. (A.)
- TREGENZA, E., 25, North Drive, Wallasey, Cheshire (Honorary Member.)
- TREMAIN, R., D.P.A., Finance Officer, Scunthorpe Hospital Management Committee, Scunthorpe War Memorial Hospital, Scunthorpe, Lincs. (A.)
- TREW, C. O., Secretary, Haslemere and District Hospital, Haslemere, Surrey. (O.)
- TRIGGS, L. G., Deputy Supplies Officer, St. Ebba's and Sutton Group (36) Hospitals Management Committee, St. Ebba's Hospital, Epsom, Surrey. (A.)
- TRIM, T. E., A.C.I.S., Assistant Finance Officer, Bath Hospital Management Committee, Bath. (A.)
- TROY, J., Steward, Coleshill Hall, Coleshill, Birmingham. (F.)
- TRUSS, D. K., Administrative Assistant, Runwell Hospital, Nr. Wickford, Essex. (A.)
- TRUSSON, H., F.C.I.S., Secretary, Bradford "A" Hospitals Management Committee, Royal Infirmary, Bradford. (F.)
- TUNSTALL, J. A., Secretary and Principal Administrative Officer, the United Cardiff Hospitals, and House Governor, Cardiff Royal Infirmary, Cardiff. (A.)

TURNER, A. B., Deputy Clerk and Steward, St. Mary's Hospital, Stannington, Northumberland. (A.)

TURNER, A. P., Secretary, Devonshire Royal Hospital, Buxton, Derbyshire. (F.)

TURNER, A. Y., Assistant Chief Clerk and Steward, Ruchill Hospital, Glasgow, N.W. (A.)

TURNER, Mrs. D. E. A., Registration and Assessments Officer, Cornelia and East Dorset Hospital, Poole, Dorset. (O.)

TURNER, E. W., Clerk in Charge, Keighley and District Victoria Hospital, Keighley, Yorks. (A.)

TURNER, F., Supplies Officer, Birkenhead Hospital, Management Committee, General Hospital, Birkenhead. (F.)

TURNER, G. B. B.E.M., Senior Steward's Clerk, Crichton Royal Mental Hospital, Dumfries. (O.)

TURNER, L. E., Deputy Secretary, Chelsea Hospital for Women, London, S.W.3. (A.)

TURNER, M., Assistant Steward, Royal Mental Hospital, Glasgow. (O.)

TURNER, N., Finance Officer, Archway Group Hospitals Management Committee, London, N.19. (F.)

TURNER, R. B., Administrative Officer, Leeds Road Hospital, Bradford, Yorks. (A.)

TURTON, G. W., A.S.A.A., Finance Officer, Nottingham No. 2 Hospitals Management Committee, City Hospital, Nottingham. (A.)

TWEEDIE, Miss R. H., A.M.I.A., Assistant Secretary and Almoner, Nottingham Hospital for Women, Nottingham. (A.)

TYE, G. W., Deputy Supplies Officer, No. 4 Chelsea Group Hospitals Management Committee, St. Luke's Hospital, London, S.W.3. (A.)

TYLER, A. E., Secretary, Western Ophthalmic Hospital, London, N.W.1. (F.)

TYRRELL, Miss G. Y., Administrative Staff, Buchanan Hospital, St. Leonards-on-Sea, Sussex. (O.)

TYRRILL, A. A. 64, Pentney Road, Balham, S.W.12. (A.)

U

UNDERHILL, C. J., Chief Administrator, Walnuttree Hospital, Sudbury, Suffolk. (A.)

UNSWORTH, Mrs. F., Minute Clerk, Royal Infirmary, Manchester. (O.)

UNWIN, C. A. N., Assistant Steward, High Wood Hospital for Children, Brentwood, Essex. (A.)

UNWIN, J. N., Deputy Clerk and Steward, St. Peter's Hospital, Chertsey, Surrey. (O.)

UPTON, T. W., Secretary, The General Hospital, Hereford. (F.)

USHER, H. S., Administrative Officer, Relton Hospital, Chester-le-Street, Durham. (F.)

USHER, L. A., 2, Sams Lane, West Bromwich. (A.)

V

VAGUE, S. M., Secretary and Steward, City Mental Hospital, Whitchurch, Cardiff. (F.)

VANN, W. P., Chief Administrative Assistant, The General Hospital, Otley, Yorks. (F.)

VENN, Miss B. C., Clerk, Prince of Wales's Hospital, Plymouth. (O.)

W

WADE, G. B., Major, M.B.E., General Manager and Secretary, Federated Superannuation Scheme for Nurses and Hospital Officers, Belmont, Surrey. (F.)

WADE, S. G. P., Secretary, Fountain Group Hospitals Management Committee, Fountain Hospital, London, S.W.17. (A.)

WADSWORTH, G. E. J., F.R.Econ.S., Supplies Officer, Winchester Group Hospitals Management Committee, Winchester, Hants. (F.)

WAELEND, L., Clerk, "Marie Celeste" Samaritan Society, London Hospital, London, E.1. (O.)

WAGSTAFF, E. A., Secretary, Tunbridge Wells Hospitals Management Committee, Tunbridge Wells, Kent. (F.)

WALE, A. V. (Retd.), "Sunnyhill," Westbourne Road, Lancaster. (O.)

WALKER, A., Administrative Officer, Raikeswood Hospital, Skipton, Yorks. (F.)

WALKER, C. J., B.E.M., Superintendent, Winchfield Hospital, Winchfield, Basingstoke, Hants. (A.)

WALKER, R., Administrative Assistant, Nether Edge Hospital, Sheffield, 11. (A.)

WALLIS, T. J., Finance Officer, Camberwell Hospital Management Committee, Dulwich Hospital, London, S.E.22. (F.)

WALLIS, W. G., A.R.San.I., Supplies and Finance Officer, Brentwood Mental Group No. 23 Hospital Management Committee, Brentwood Mental Hospital, Brentwood, Essex. (F.)

WALLS, J., D.P.A., Deputy Secretary, St. Bernard's Hospital Southall, Middlesex. (A.)

WALSH, E., D.P.A., A.R.San.I., Secretary, Storthes Hall Group Hospitals Management Committee No. 12, Storthes Hall Hospital, Kirkburton, Nr. Huddersfield, Yorks. (F.)

WALSH, M., Secretary, Finance Officer and Supplies Officer, Knowle Hospital Management Committee, Knowle Mental Hospital, Fareham, Hants. (F.)

WALSH, O. L., Secretary, Tyrone and Fermanagh Mental Hospital, Omagh, Tyrone, Northern Ireland. (F.)

WALTER, L. T., Senior Administrative Assistant, Maudsley Hospital, London, S.E.5. (A.)

WALTERS, L., Grade "C" Clerk, Winwick Hospital, Winwick, Warrington, Lancs. (O.)

WALTERS, R. H. T., Senior Assistant Clerk, Pen-Y-Val Hospital, Abergavenny, Monmouthshire. (O.)

WALTON, I. P., Secretary and Treasurer, Kimberley Hospital, Kimberley, South Africa. (Honorary Member.)

WALTON, T. L., Secretary and Supplies Officer, Birmingham (Mental C) Hospital Management Committee, Highcroft Hall, Erdington, Birmingham, 23. (F.)

WARBURTON, J. A., Secretary, Mid-Sussex Hospital Management Committee, Cuckfield Hospital, Cuckfield, Sussex. (A.)

WARD, G. A., Steward, Western Hospital, London, S.W.6. (F.)

WARD, G. H. M., Secretary and Finance Officer, St. Luke's Hospital, Middlesbrough, Yorks. (F.)

WARD, G. W., D.P.A., Assistant Administrative Officer, The Western General Hospital, Hull. (A.)

WARD, L. G., F.C.I.S., Assistant Secretary, East Riding Group Hospitals Management Committee, Westwood Hospital, Beverley, East Yorks. (F.)

WARD, M. O., Organising Secretary, Bristol Hospitals Fund (Inc.), Bristol, 1. (O.)

WARD, R. W., Clerk and Steward, St. John's Hospital, Stone, Aylesbury, Bucks. (F.)

WARD-COLE, A. E., Steward of the Hospital, High Wood Hospital for Children, Brentwood, Essex. (F.)

WARDLE, T. C., Administrative Officer, Hammer-smith Hospital, London, W.12. (A.)

WARE, R. S. P., Administrative Officer, Weir Hospital, London, S.W.12. (O.)

WARHAM, I. B., Supplies Officer, Hendon Group Hospitals Management Committee, Edgware General Hospital, Edgware, Middx. (F.)

WARNER, H., First Assistant Clerk and Steward, Cefn Coed Hospital, Swansea. (A.)

WARNES, D. R., Assistant Storekeeper, Winterton Hospital, Winterton, Sedgfield, Stockton-on-Tees. (O.)

WARREN, W. L., M.A., Assistant Secretary, North East Metropolitan Regional Hospital Board, London, W.1. (A.)

WARSHAW, Miss B. A., Secretary, Metropolitan Ear, Nose and Throat Hospital, London, W.1. (O.)

WASTELL, A. W., Senior Administrative Assistant, St. Luke's Hospital, Middlesbrough, Yorks. (A.)

WATERHOUSE, L., A.C.A., Assistant Secretary, South-Western Regional Hospital Board, Devon and Cornwall Regional Committee, Plymouth. (A.)

WATKIN, E. R., Organising Secretary of Maintenance Fund, Addenbrooke's Hospital, Cambridge. (O.)

WATKINS, F. J., O.B.E., Secretary, North Liverpool Hospital Management Committee, Walton Hospital, Liverpool, 9. (A.)

WATSON, C. J. J., B.A., A.C.A., Finance Officer, Wandsworth Group Hospitals Management Committee, Balham, London, S.W.12. (A.)

WATSON, F. A., Secretary, Harefield and Northwood Group Hospitals Management Committee, and House Governor, Mount Vernon Hospital and The Radium Institute, Northwood, Middlesex. (F.)

WATSON, H. E., Secretary and Finance Officer, Wroughton Hospital Management Committee, Apple Bridge, Nr. Wigan, Lancs. (F.)

WATSON, J., Senior Clerk, Smithdown Road Hospital, Liverpool. (A.)

WATSON, L., Secretary, Sedgfield Hospital Management Committee, Sedgfield, Stockton-on-Tees. (A.)

WATSON, W., Assistant Steward, Hackney Hospitals I and II, London, E. 9. (A.)

WATTS, A. (Retd.), 11, Robson Road, West Worthing, Sussex. (O.)

WATTS, G., Secretary, Oxford Regional Hospital Board, Oxford. (F.)

- WATTS, G., F.C.I.S. (Retd.), "Hazeldeane," Eskdale-side, Sleights, Whitby, Yorks. (F.)
- WATTS, G. (Retd.), 34, Warwick Road, Bishop's Stortford, Herts. (*Honorary Fellow.*)
- WATTS, R. A., Second Assistant Clerk, Glamorgan Mental Hospital, Bridgend, Glam. (O.)
- WATTS, V. J., Supplies Officer, Stepney Group Hospitals Management Committee, London, E.1. (F.)
- WEATE, S., Superintendent, St. Mary's Hospital, Kettering, Northants. (F.)
- WEAVER, F. A., D.P.A., Deputy Secretary, Windsor Group Hospitals Management Committee, Slough, Bucks. (A.)
- WEBB, A. G., Clerk and Steward, City Mental Hospital, Canterbury, Kent. (F.)
- WEBB, K. T., Administrative Assistant, Botleys Park Colony, Chertsey, Surrey. (A.)
- WEBB, R. H., Capt., Under-Secretary, Ministry of Pensions, Blackpool, Lancs. (F.)
- WEBB, Miss W. A. S., Administrative Staff, The, Hospital, Digbys, Exeter. (O.)
- WEBBER, A. H., Supplies Officer, Bracebridge Heath Hospital, Nr. Lincoln. (F.)
- WEBBERLEY, Major J. M. S., Deputy Lay Administrator, 4th Polish Hospital, Iscoed Park, Whitchurch, Salop. (A.)
- WEBSTER, H. V., Secretary, Supplies and Finance Officer, Bexley Group Hospital Management Committee, Bexley Hospital, Bexley, Kent. (F.)
- WEBSTER, J. G. V., Secretary and Finance Officer, Cranage Hall, Holmes Chapel, Cheshire. (O.)
- WEDDERBURN, D. T., House Governor's Assistant, Royal Victoria Infirmary, Newcastle-upon-Tyne. (A.)
- WEEKS, W., Superintendent, St. John's Hospital, Halifax, Yorks. (A.)
- WELCH, F. C., Administrative Assistant, General Hospital, Rochford, Essex. (F.)
- WELCH, Major R. H., D.S.O., Secretary and Finance Officer, Royal Albert Hospital Management Committee, Lancaster. (F.)
- WELFORD, Miss A. T., Chief Clerk, Hemlington Emergency Hospital, Nr. Middlesbrough, Yorks. (A.)
- WELLEN, P. W., Supplies Officer, Cane Hill Hospital, Coulsdon, Surrey. (A.)
- WELLINGS, N., Finance Officer, St. Ebba's Hospital Management Committee, St. Ebba's Hospital, Epsom, Surrey. (O.)
- WELLINGTON, H. H., M.M., Steward, Royal Infirmary, Cardiff. (A.)
- WELLS, Miss V., Assistant Secretary, Warneford General Hospital, Leamington Spa. (O.)
- WEST, A. L. A., F.I.M.T.A., Treasurer, North West Metropolitan Regional Hospital Board, London, W.1. (A.)
- WEST, G. E. H., Storekeeper, St. Lawrence's Hospital, Bodmin. (O.)
- WEST, J. S., Assistant Supplies Officer, Long Grove Hospital, Epsom, Surrey. (A.)
- WEST, J. W., Administrative Assistant, Bethlem Royal Hospital and the Maudsley Hospital, London, S.E.5. (A.)
- WEST, L., Accounts Officer, The Rowley Bristow Orthopaedic Hospital, Pyrford, Surrey. (A.)
- WESTBROOK, F. G., Assistant Steward, Highgate Hospital, London, N.19. (A.)
- WESTBROOK, H. L., Secretary, Southampton Borough General Hospital, Southampton Isolation Hospital and Rookwood Maternity Home, Southampton. (F.)
- WESTBURY, A. H., F.C.I.S., Secretary, Board of Management and Chief Accountant, The Montreal General Hospital, Montreal, Canada. (F.)
- WESTLAKE, L. R., Administrative Staff, Horton Road and Coney Hill Hospitals, Gloucester. (A.)
- WESTLAKE, Miss N., Assistant Secretary, British Legion Sanatorium, Nayland, Suffolk. (A.)
- WESTON, G., Secretary, Windsor Group Hospital Management Committee, Slough, Bucks. (F.)
- WESTON, G. H., Deputy Secretary, Reading and District Hospital Management Committee, Royal Berkshire Hospital, Reading, Berks. (A.)
- WESTON, W. G. H., House Governor and Secretary, The Corbett Hospital, and Administrative Officer to the Hayley Green Isolation Hospital, Halesowen, Nr. Birmingham, and the Mary Stevens Maternity Home, Stourbridge. (F.)
- WESTWOOD, J. S., Administrative Staff, Royal Infirmary, Edinburgh. (O.)
- WHALEY, P. H., Secretary and Finance Officer, Arlesey Group Hospital Management Committee, Three Counties Hospital, Arlesey, Beds. (F.)
- WHALLEY, B. (Retd.), 40, Wembley Road, Mossley Hill, Liverpool, 18.
- WHATSIZ, S., Deputy Steward, Leicester General Hospital, Leicester. (A.)
- WHEATCROFT, J. E., Secretary, Burnley and District Hospital Management Committee, Victoria Hospital, Burnley, Lancs. (F.)
- WHEELDON, A., Steward, Halifax General Hospital, Halifax, Yorks. (F.)
- WHEELER, D. J., Assistant Secretary, The Royal Cripples' Hospitals, Birmingham. (A.)
- WHEELER, F. G., Clerk and Steward, Pewsey Colony Certified Institution, Pewsey, Wilts. (F.)
- WHEELER, M., A.S.A.A., Finance Officer, Menston Hospital Management Committee, Leeds. (A.)
- WHEELER, P. B., Assistant Secretary, Victoria Hospital for Children, London, S.W.3. (A.)
- WHELAN, J., Supplies Officer, Northern Group Hospital Management Committee, Royal Northern Hospital, London, N.7. (A.)
- WHITE, Miss D. E., "Sea Winds," Fairlight, Nr. Hastings, Sussex. (O.)
- WHITE, H. A., Secretary and Finance Officer, Derby No. 2 Hospital Management Committee, Babington House, Belper, Derbyshire. (F.)
- WHITE, H. W., Treasurer, South West Regional Hospital Board, Bristol, 6. (A.)
- WHITE, K. C., Assistant Secretary and Finance Officer, Carlton Hayes Hospital, Narborough, Leics. (A.)
- WHITE, L., D.P.A., Committee Clerk, Bradford (B) Hospital Management Committee, Leeds Road Hospital, Bradford. (A.)
- WHITE, L. A., Administrative Assistant, Archway Group Hospital Management Committee, St. Mary Islington Hospital, London, N.19. (A.)
- WHITE, L. J. P., Second Assistant Clerk, West Park Hospital, Epsom, Surrey. (A.)
- WHITE, R. A. G., Assistant Secretary, Isle of Thanet Hospital Management Committee, Haine Hospital, Ramsgate, Kent. (F.)
- WHITEHEAD, P., Supplies Officer, Lancaster and Kendal Hospital Management Committee, Lancaster. (A.)
- WHITEOAK, W. D., Chief Administrative Officer, Whitstable and Tankerton Hospital, St. Heliers Maternity Annexe and Faversham Cottage Hospital, Whitstable West, Kent. (A.)
- WHITFIELD, G. J., Secretary's Deputy, St. Martins' Hospital, Combe Down, Bath. (A.)
- WHITFORD, H. H., A.C.I.S., Steward, Tehidy Sanatorium, Cambourne, Cornwall. (A.)
- WHITING, C. W., Clerical Officer, St. Augustine's Hospital, Chartham, Nr. Canterbury, Kent. (O.)
- WHITLOCK, V., A.C.I.S., Finance Officer, Sheffield No. 3 Hospital Management Committee, Lodge Moor Hospital, Sheffield, 10. (A.)
- WHITNEY, Captain R. G. E., M.B.E., Secretary, National Heart Hospital, London, W.1.
- WHITTAKER, E., Clerk ("C"), Calderstones, Whalley, Nr. Blackburn, Lancs. (O.)
- WHITTAKER, F. H., Financial Assistant, West Manchester Hospital Management Committee, Group 14, Park Hospital, Davyhulme, Manchester. (A.)
- WHITTINGHAM, J. C., Supplies Officer, Bingley, Keighley, Skipton and Settle Hospital Management Committee, St. John's Hospital, Keighley, Yorks. (A.)
- WHITTINGHAM, W. E., Administrative Officer, Maidenhead St. Mark's Hospital, Maidenhead, Berks. (A.)
- WHITTOCK, Miss I. G., General Secretary, The Royal Cripples' Hospital, Birmingham, 15. (F.)
- WHITWORTH, A. E., Assistant Secretary, The Queen Victoria Hospital, East Grinstead, Sussex. (A.)
- WHITWORTH, E. H., B.E.M., Secretary, c/o Management Committee for the Bow Group of Hospitals, St. Clement's Hospital, London, E.3. (F.)
- WIGHT, W. A., Chief Purchasing Officer (Stores Officer), Royal Hospital for Sick Children, Glasgow. (A.)
- WIJESURIYA, J. P., Secretary, General Hospital, Colombo, Ceylon. (A.)
- WILCOCK, H., Deputy Clerk and Steward, Northampton County Mental Hospital, Berrywood, Northampton. (O.)
- WILD, Miss J. M., Secretary, British Hospital for Mothers and Babies, London, S.E.18. (F.)
- WILDER, H. A. J., Secretary, London Fever Hospital, London, N.1. (F.)
- WILDGOOSE, S., Senior Administrative Assistant, Montagu Hospital, Mexborough, Yorks. (A.)
- WILDING, L. W., Out Patients Superintendent, London Hospital, London, E.1. (A.)
- WILFORD, P., Deputy Superintendent, St. David's Hospital, Cardiff, Glam. (A.)
- WILKINS, F. T., Secretary, Battle Hospital, Battle, Sussex. (A.)
- WILKINS, H. A., F.C.I.S. (Retd.), 27, Overhill Road, Downend, Bristol. (F.)

- WILKINSON, H., Superintendent, Bury Infirmary, Bury, Lancs. (F.)
- WILKINSON, H. M., Assistant Secretary, Middlesex Hospital, London, W.1. (F.)
- WILKINSON, J., Deputy Secretary, Teeside Hospital Management Committee, and Secretary-Superintendent, Stockton and Thornaby Hospital, Stockton-on-Tees. (F.)
- WILLAN, J. A., Senior Administrative Assistant, Mid-Worcestershire Group Hospital Management Committee, c/o All Saints Hospital, Bromsgrove, Worcestershire. (A.)
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To use the Guide :—

First, turn to the Subject Index for the item required and note its Group number. Then turn to this Group and note the index letter of the item. This letter will be found against the supplying firms named beneath.

Bold type indicates that fuller information is given by advertisement. (Advertisement Index is on page 1099.)

Whilst every effort has been made to ensure correct information, no responsibility can be taken for errors and omissions.

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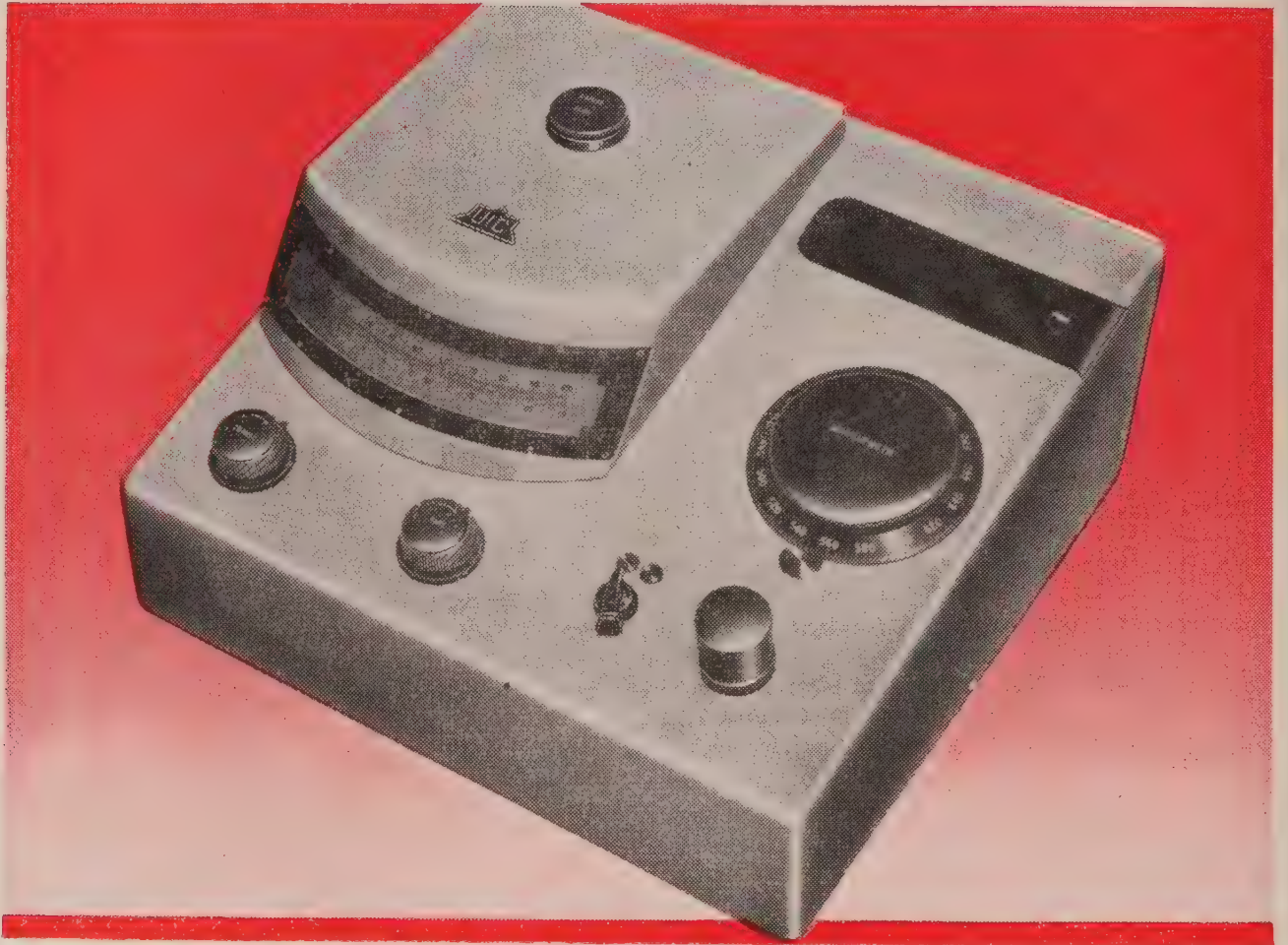
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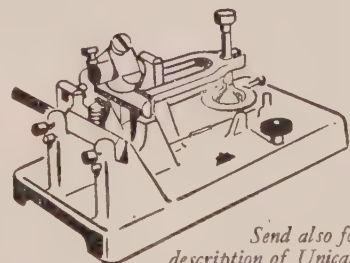
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Drying Cabinets (Clothes, Towels, etc.)	37	970	Fire-proof Curtains	19	916
Duplicators	43	988	Fire Pumps	19	916
Dust Allayers	11	899	Fires (Electric)	15	913
Dustbins	29	942	Fish Paste	55	1018
Dustpans	9	893	Fish Merchants and Suppliers ..	20	916
Dyeing	14	909	Flags and Bunting	17	915
			Flannels and Flannelettes	13	906
			Floor Polishers (Electric, etc.) ..	10	894
			Floor Polishes (Solid and Liquid)	11	899
			Floor Polish Sprayer	10	894
			Floor Scrubbing and Sanding Machines (Electric)	10	894
Earthenware	35	959	Floorings	21	919
Egg Preservative	28	937	Floorsprings	21	912
Elastic Hosiery	51	1010	Flour	28	935
Electric Fires, Bells, etc. ..	15	913	Folding Hospital Equipment ..		
Electric Heating Equipment ..	14	909	and Furniture	25	927
Electric Irons	15	913	Folding Invalid Chairs	25	927
Electric Lamps	14	909	Food	20, 28 & 55	916, 935
Electric Light Installation ..	14	909			& 1026
Electric Lighting, Fittings, etc.	14	909	Food Beverages	4	881
Electric Lighting Plant	14	909	Food Trolleys and Containers ..	34	950
Electric Motors	14	909	Fruit Drink Powders	4	881
Electric Squeezes	10	894	Fruit Peelers	22	920
Electrical Engineers	14	909	Fuel Economisers	31	944
Electrical Instruments for Measuring, etc.	32	947	Fume Extraction Plants	6	885
Electrical Repairs	12	905	Fumigating Apparatus	23	920
Electro-Medical Apparatus, etc.	16	914	Furnishing Fabrics	26	931
Electro-Surgical Instruments..	52	1016	Furniture (General)	26	931
Embrocation	40	980	Furniture (Hospital)	25	921
Emergency Lighting	14	909	Furniture Polish	11	893
Emulsifiers	8	890			
Enamels	47	995			
Enamelware	35	959			
Engraving	42	988	Game & Poultry	20	916
Envelopes	44	991	Games for Hire	17	915
Epidiascopes and Projection Apparatus	18	915	Garden Craftsmen	27	935
Ether	2	877	Garden Furniture	27	935
Extension Ladders and Steps..	29	942	Gas Air Apparatus for Analgesia in Labour	2	877
			Gas Fires and Radiators	31	944
			Gas Lighters and Gas Pokers ..	31	944
			Gates	27	935
			Germicide Projectors	23	920
			Glass (Armour Plate)	7	886
			Glass (Wired)	7	886
			Glassware	35	959
			Glassware (Medical, Surgical and Laboratory)	8	870
			Gloves (Operating)	52	1016
			Gloves (X-Ray)	59	1034
			Glucose	33	948
			Gramophone Pickups	6	885
			Grate Polish	11	893
			Grease Guns	29	942
			Grocery	28	935
Fabric Preservatives	29	942			
Fancy Dress	17	915			
Fans (Electric)	15	913			
Feeding Cups	35	959			
Feminine Hygiene	50	1005			
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Fetes Equipment	17	915			
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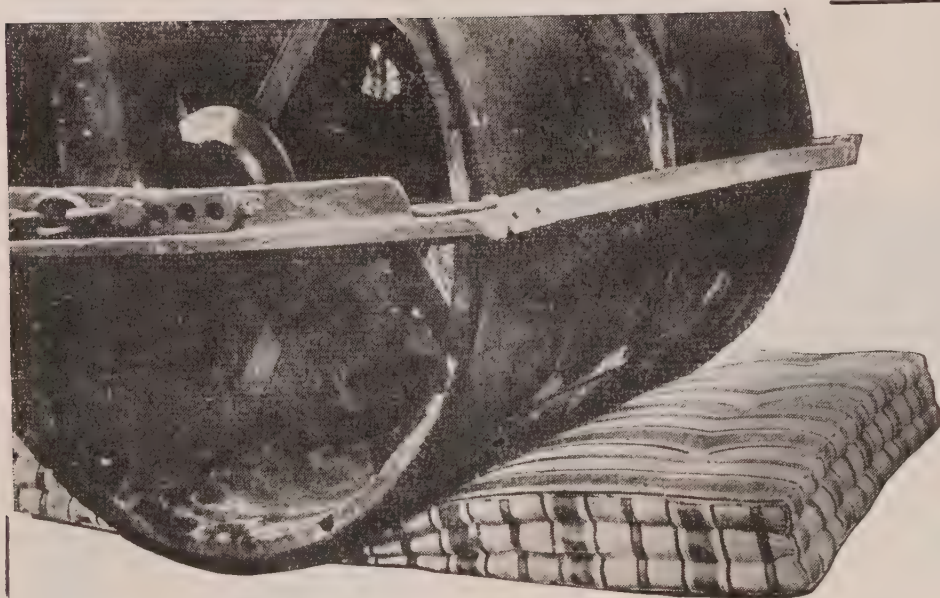
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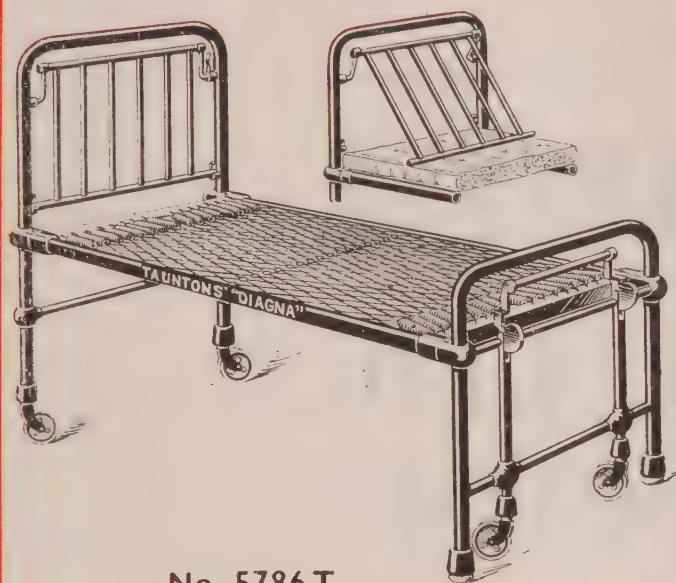
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Midwives Uniforms and Overalls	56	1027	Photographic Apparatus ..	48	999
Milk Foods, etc.	28	935	Physiotherapy Apparatus ..	59	1034
Mincers and Mixers	22	920	Pianos	26	931
Mineral Waters	4	881	Pillow Speakers	6	885
Mobile X-Ray and Electro-cardiography Service	59	1034	Plaster Cloths	50	1005
Models (Anatomical)	36	967	Plastering Material	47	995
Mortuary Cooling Plant	41	986	Plastic Ware	35	959
Mortuary Trolleys and Equipment	41	986	Plates, Papers and Films for Clinical Photography ..	48	999
Mosaic Floors	21	919	Plywood (Metal Covered) ..	7	886
Muslins	53	1020	Pneumatic Conveyance	6	885
			Polishes	10	894
Nail Brushes	57	1031	Post-Mortem Tables	41	986
Name Plates	42	988	Potato Peeling Machines	22	920
Name Tapes, etc.	13	906	Poultry Supply	20	916
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Nurses' Visiting Cases (Fitted)	52	1016	Quartz Mercury Vapour Burners	39	979
			Quick Frosted Food Products	20	916
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Oil Cleaning Machines	10	894	Radio Receivers and Equipment	6	885
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Operating Theatre Overalls, Suits, Masks, etc.	56	1027	Radium Safes	36	967
Operation Lamps (Shadowless)	39	977	Radium Supplies	36	967
Operation Overalls, Waterproof	56	1027	Rat Extermination	23	920
Operation Pads	54	1025	Refrigerators	34	947
Operation Tables	54	1025	Regattas	13	906
Ophthalmic Instruments and Apparatus	45	994	Reinforced Concrete Buildings	5	882
Opticians	45	994	Rests (Back, Head, Leg)	51	1010
Orthoptic Apparatus (for Squints)	45	992	Resuscitators	46	995
Orthopaedic Appliances	51	1010	Roof Glazing	5	882
Orphopaedic Tables	51	1010	Roofing Felts	7	886
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Oxygen	46	995	Rubber Flooring	21	919
Oxygen Apparatus	46	995	Rubber Goods	57	1031
Oxygen Tents	46	995	Rubber Stamps	44	993
Oxygen Trolleys	46	995	Rubber Tubing	57	1031
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Padded Rooms	5	882	Safes, Strong Rooms, etc. ..	43	988
Paints and Enamels, etc.	47	995	Salt (Water Softening)	58	1031
Panelling	7	886	Salvage	49	999
Paper Filters	8	870	Sanitary Equipment	49	999
Paper Handkerchiefs and Towels	57	1031	Sash Cords and Chains	24	921
Paraplegics Appliances	51	1010	Sausages, etc.	20	916
Partitions	7	886	Scaffolding	7	886
Pavings	27	935	Scale Covers for Babies' Clinics	29	942
Pencils (Dermatograph, for Medical Profession)	44	985	Scales	29	942
Penicillin Preparations	40	980	Scissors	29	942
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Sound Insulation	7	886	Toilet Paper and Rolls ..	49	999
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Storage Racks	7	886	Urinometers	32	947
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Surgical Corsetry Services ..	51	1010	Vacuum Cleaners	10	893
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Switchgear	14	909	" Vita " Glass Windows ..	7	886
Syringes	52	1016	Vitamin Preparations	40	980
			Voltage Transformers	14	909

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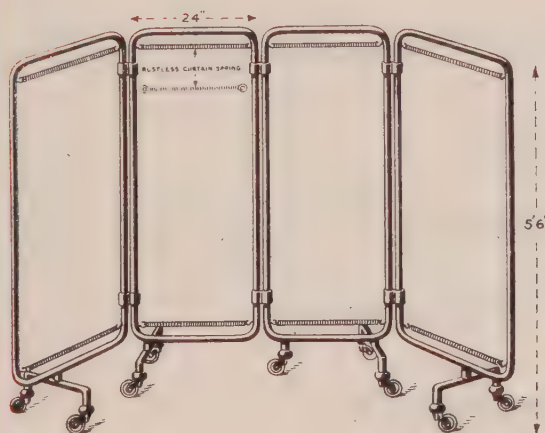
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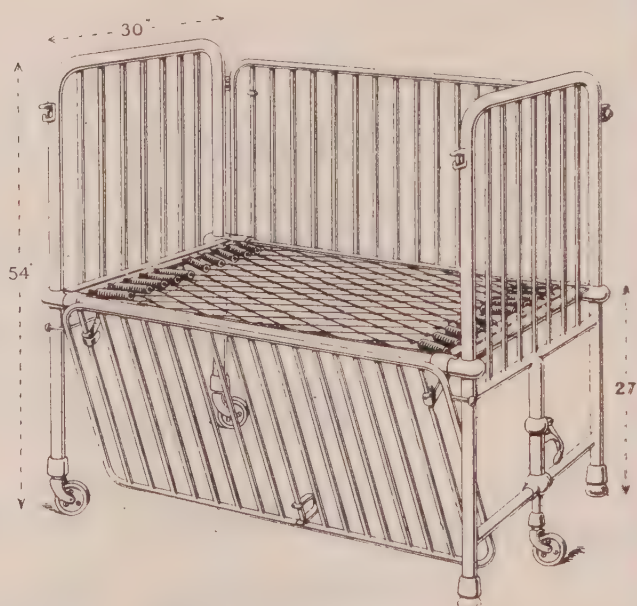
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Waste Disposal and Sanitation	49	999
Waste Paper Baler	49	999
Waste Receiver	49	999
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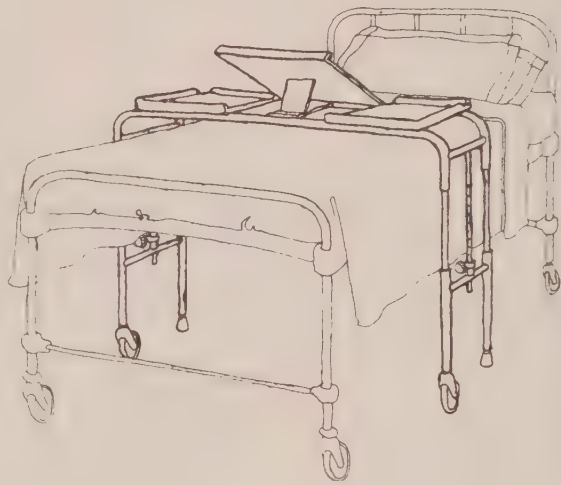
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C. Ambulances

D. Ambulance Sterilisers

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Bacterol Ltd., 435, Strand, London, W.C.	D
W. H. Bailey & Son, Ltd., 45, Oxford Street, London, W.1	BC
Bury (J.) & Co., "Storrington," Woodside Road, Purley, Surrey	B
Carters (J. & A.) Ltd., 125/129, Great Portland Street, London, W.1	ABC
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	B
Douglas Hext & Co., 442-3, Strand, London, W.C.2	A
Morris Commercial Cars Ltd., Adderley Park, Birmingham, 8	C
Moseley (David) & Sons, Ltd., Chapelfield Works, Ardwick, Manchester, 12	A
J. Nesbit-Evans & Co. Ltd., Ltd., Wednesbury, Staffs.	B
Parker, Winder & Achurch, Ltd., 995, Broad Street, Birmingham, 1	B
Silverdale Manufacturing Co., Excel House, Whitcomb Street, London, W.C.2	B
Sorbo Ltd., Sorbo Works, Woking, Surrey	A
Willen Bros., Ltd., 44, New Cavendish Street, London, W.1, and 9, Eastgate, Exeter, Devon	AB

GROUP No. 2 —ANAESTHESIA

- A. Anaesthetic Apparatus

B. Anaesthetics (Local and Direct)

C. Chloroform Capsules

D. Gas Air Apparatus (for Analgesia in Labour)

E. Ether

Key

Antiseptic Products Limited, 105, Tonbridge Road, Maidstone, Kent	A
Ash (Claudius), Sons & Co., Ltd., 26/40, Broadwick Street, London, W.1	AB
Bengue & Co., Ltd., Mount Pleasant, Alperton, Wembley, Middlesex	B
Boots Pure Drug Co., Ltd., Station Street, Nottingham	BE
British Drug Houses, Ltd., Graham Street, City Road, London, N.1	BCE
British Oxygen Co., Ltd., Grosvenor House (6th Flr.), Park Lane, London, W.1	ABD
Blease Anaesthetic Equipment, Ltd., 223/227, St. John Street, London, E.C.1	AD
Ciba Laboratories, Ltd., Horsham, Sussex	B
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	D
Dental Manufacturing Co., Ltd., Brock House, 97, Great Portland Street, London, W.1	AB
Down Bros., Mayer & Phelps, Ltd., 32/34, New Cavendish Street, London, W.1	ABD
Duncan Flockhart & Co., 155/7, Farringdon Road, London, E.C.1	B
Evans Medical Supplies, Ltd., Speke, Liverpool, 19	ABD
Glaxo Laboratories, Ltd., Greenford, Middlesex	B
Holborn Surgical Instrument Co., Ltd., 15, Charterhouse Street, Holborn Circus, London, E.C.1	A
Howards & Sons, Ltd., Uphall Road, Ilford, Essex	B
Imperial Chemical (Pharmaceuticals) Ltd., The Ridge, Beechfield Road, Alderley Edge, Manchester	B
A. Charles King Ltd., 27, Devonshire Street, London, W.1	AD
J. F. Macfarlan & Co., 8, Elstree Way, Boreham Wood, Herts.	BC
McKesson Equipment Co. of Great Britain Ltd., 28, Market Street, Watford, Herts.	A
Medical & Industrial Equipment, Ltd., 12, New Cavendish Street, London, W.1	AD
Pharmaceutical Specialities (May and Baker) Ltd., Dagenham, Essex	B
Saccharine Corporation Ltd., 84, Malford Grove, Snaresbrook, London, E.18	B
Willen Bros., Ltd., 44, New Cavendish Street, London, W.1, and 9, Eastgate, Exeter, Devon	A

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Silverdale Manufacturing Co., Excel House, Whitcomb Street, London, W.C.2	D E F
S. Simons & Sons, Ltd., 2/4, Ramsey Street, Bethnal Green, London, E.2	D
Sorbo Ltd., Sorbo Works, Woking, Surrey	F
D. Stewart & Co., 2, Little Love Lane, Wood Street, London, E.C.2	A B D E F G
John and Joseph Taunton, Ltd., Sherbourne Road, Birmingham, 12	A D E F
Vantona Textiles, Ltd., 107, Portland Street, Manchester 1	A
Waring & Gillow, Ltd., 164/182, Oxford Street, London, W.1	A B D F
William S. Toms, Ltd., High Wycombe, Bucks. and Exeter, Devon.	F
Were & Wright, Godliman House, Godliman Street, London, E.C.4	A
Wm. Whiteley, Ltd., Queensway, London, W.2	A B D E F
Whitfields Bedsteads, Ltd., 109/25, Watery Lane, Bordesley, Birmingham, 9, & 12/16, Dane Street, High Holborn, London, W.C.1 (Lawson Tait Bedsteads)	A B C D E F G
T. H. Wilmott & Co., Ltd., 15c, Warren Street, London, W.1	C J K
Witney Blanket Co., Buttercross Works, Witney, Oxon.	A

GROUP No. 4 — BEVERAGES

- A. Cocoa

B. Coffee

C. Mineral Waters

D. Non-Alcoholic Fruit Cordials

E. Tea
- F. Wines, Spirits and Cordials

G. Fruit Drink Powders, etc.

H. Sugar-free Tonic Water and Dry Ginger Ale

I. Chicory

J. Food Beverages

	Key
Bedwell, Arthur, & Co., Ltd., 438/442, Barking Road, Plaistow, London, E.13	A B D I
Brooke Bond & Co., Ltd., 6, Eldon Walks, Leeds 2	E
James Burrough, Ltd., Cale Distillery, 5, Hutton Road, London, S.E.11	F
Cadbury Bros., Ltd., Bournville, Birmingham	A
Chivers & Sons, Ltd., Histon, Cambridge	B
Foster Clark, Ltd., Hart Street, Maidstone, Kent	G
Co-operative Wholesale Society, Contracts Dept., 1, Balloon Street, Manchester 4	A B C D E
W. H. Cullen, 20, Clifton Street, London, E.C.2	B E
Daws Fruit Cordials, Ltd., 135/7, Fulham Palace Road, London, W.6	C D
Fry & Sons, Ltd., Somerdale, Bristol, Som.	A
John Gardner (London), Ltd., Adelaide House, London Bridge, London, E.C.4	A B C D E F G
Gold Cup Products Co., Ltd., 17, Shaftesbury Avenue, London, W.1	D
Harden Bros. & Lindsay, Ltd., 121, Cannon Street, London, E.C.4	B E
Huntley & Co., Ceylon House, 49/51, Eastcheap, London, E.C.3	A B E I
Idris Ltd., Camden Town, N.W.1	C D
J. Lyons & Co., Ltd., Cadby Hall, London, W.14	A B E
Nestles Milk Products, Ltd., 6 and 8, Eastcheap, London, E.C.3	B
Oxo Ltd., Thames House, Queen Street Place, London, E.C.4	G
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Rowntree & Co., Ltd., York.	A
Schweppes Limited, Marble House House, 4, Connaught Place, London, W.2	C D H
Waitrose, Ltd., 21/23, Gloucester Road, London, S.W.7	A B F
A. Wander, Limited, 42, Upper Grosvenor Street, Grosvenor Square, London, W.1	J
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B. Doors (Steel, Fireproof and Strongroom)

C. Doors (Flush)

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E. Padded Rooms

F. Roof Glazing

G. Roofs
- H. Shutters (Steel Rolling, etc.)

I. Staircases

J. Windows (Metal, etc.)

K. Whitewashing and Limewashing Machines

L. Spraying Apparatus

M. Draught Excluders

N. Reinforced Concrete Buildings

O. Steel Constructions and Buildings

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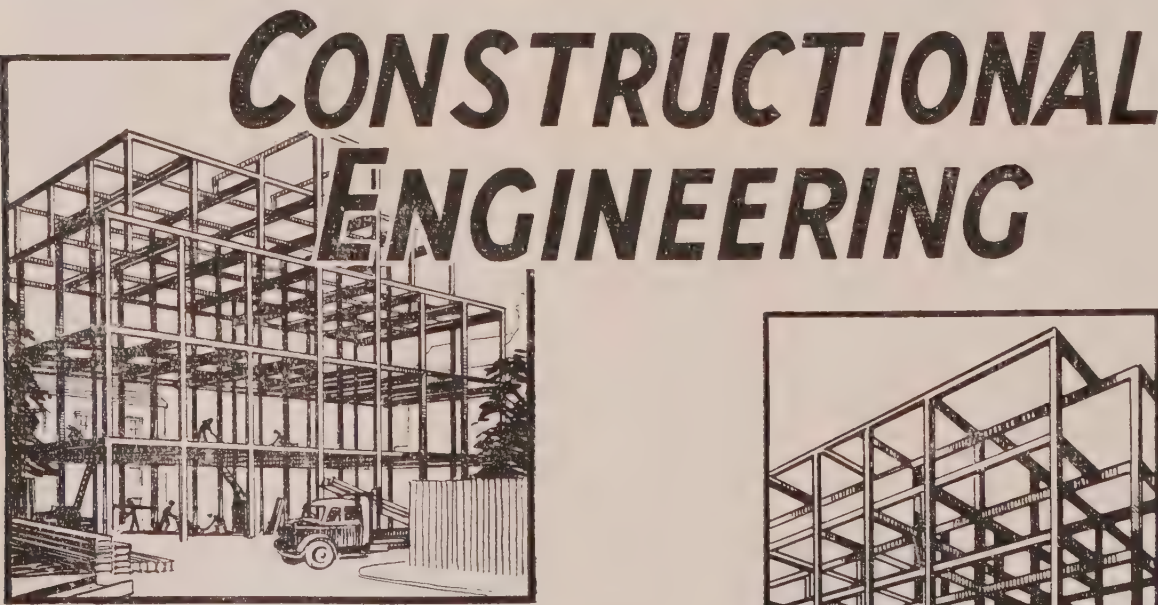
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Art Metal Construction Co., 201, Buckingham Palace Road, London, S.W.1 ..
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Griffiths Safe Co., Ltd., 43, Cannon Street, London, E.C.4
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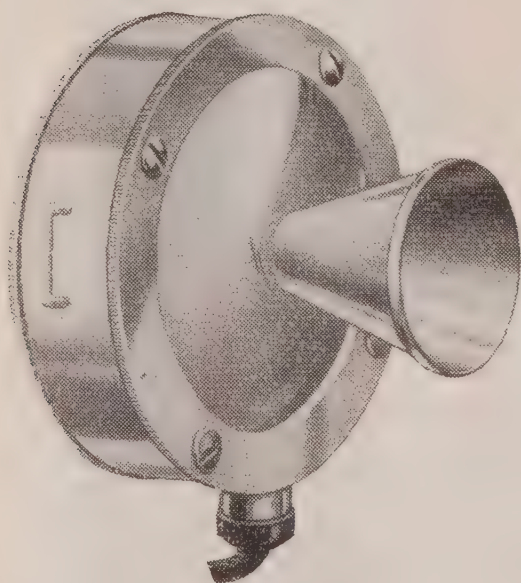
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Parker, Winder & Achurch, Ltd., 995, Broad Street, Birmingham, 1
Pocock Bros., Ltd., 235, Southwark Bridge Road, London, S.E.1
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4
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John Tann Ltd., 117, Newgate Street, London, E.C.1
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GROUP No. 6 —BUILDINGS, INSTALLATIONS FOR

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B. Fume Extraction Plants

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D. Noise Prevention and Acoustic Insulation

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G. Telephones
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I. Air Compressors

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Automatic Internal Telephones Ltd., 21, St. Anne's Court, Dean Street, London, W.1
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Keith Blackman, Ltd., Mill Mead Road, Tottenham, London, N.17
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Greenwood & Airvac (Ventilating Co., Ltd.), Abbeydale Road, Wembley, Middlesex

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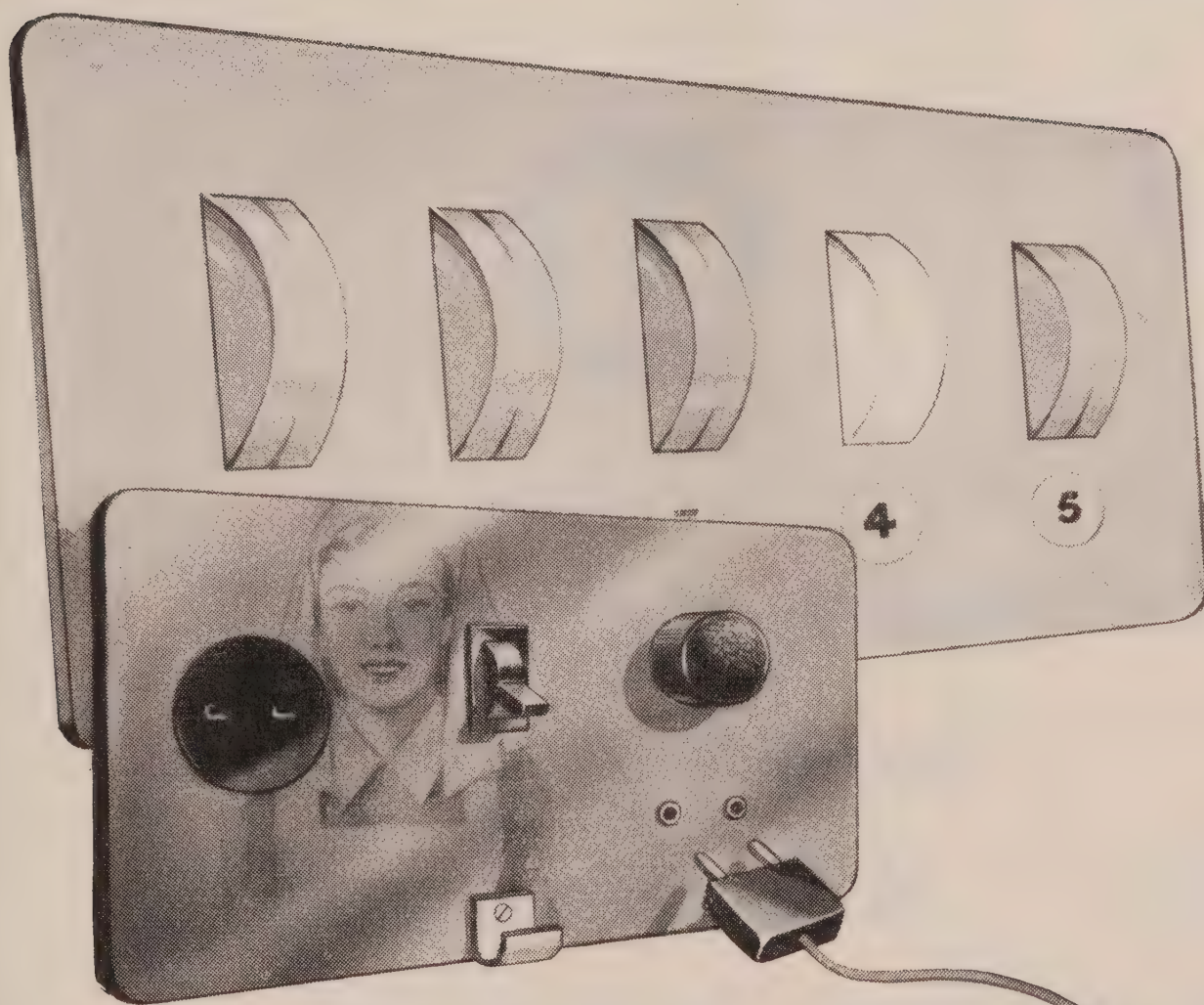
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Steel & Co., Ltd., 14, Berkeley Street, London, W.1	A C
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Versil, Ltd., Rayner Mills, Liversedge, Yorks.	D
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Armstrong Cork Co., Ltd., Kingsbury, London, N.W.9	L O
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Carron Co., Carron, Falkirk, Stirlingshire	K
Caxton Floors, Ltd., 45, Bedford Road, London, W.C.1	C
Chatwood Safe & Engineering Co., Ltd., 3, Laurence Pountney Hill, London, E.C.4	G S
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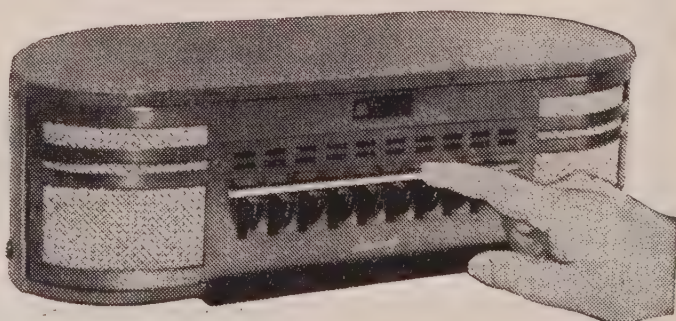
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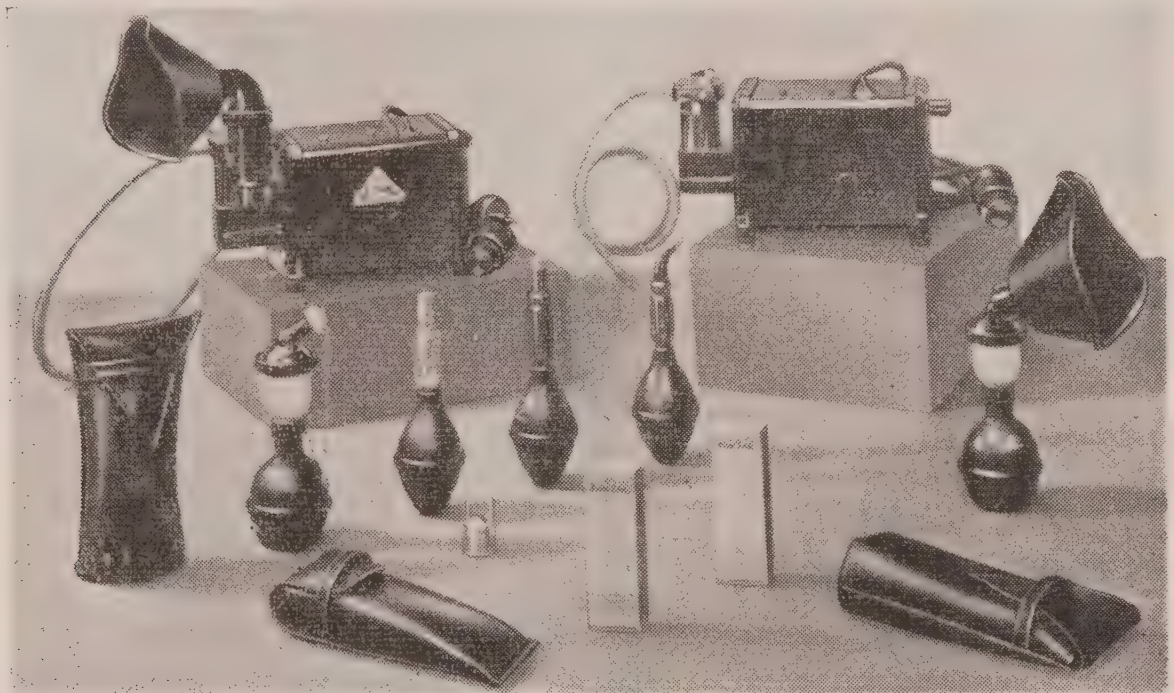
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For Asthma, Bronchitis, Catarrh and Emphysema

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Chlorbutol	0.7% w/v
Papaverine Hydrochlor	0.95% w/v
Atropine Methylnitrate	0.125% w/v
Adrenaline	0.3% w/v
Pituitary Gland Extract (20 units in 1 c.c.)	10% v/v
Glycerine	35% v/v
Distilled Water	to 100%

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Group 8 (Continued)

	Key
British Emulsifiers, Ltd., 12, Greek Street, London, W.1	D
Brown & Forth, Ltd., Clifton House, 83/117, Euston Road, London, N.W.1 ..	D
Burge, Warren & Ridgley, Ltd., 45, City Road, London, E.C.1	A G
Burroughs, Wellcome & Co., 183/193, Euston Road, London, N.W.1	A
Butler & Crispe, 80/84, Clerkenwell Road, London, E.C.1	A C
Cellulose Wadding Supplies, Ltd., Cecil Chambers, Strand, London, W.C.2 ..	E
Co-operative Wholesale Society, Ltd., Contracts Department, 1, Balloon Street, Manchester 4	C
Crowthorn Engineering Co., Ltd., Atlas Works, Reddish, Stockport	D
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1 ..	F G
Doulton & Co., Ltd., Doulton House, Albert Embankment, London, S.E.1 ..	B
H. J. Elliott, Ltd., Factory B 18, Treforest Trading Estate, Glam.	F
Evans Medical Supplies, Ltd., Speke, Liverpool 19	A B C D E F G
T. B. Ford, Ltd., Filtration Dept., 39, Kingsway, London, W.C.2	E
A. Gallenkamp & Co., Ltd., Technico House, 17/29, Sun Street, London, E.C.2	E F
General Surgical Co., Ltd., Gensurco House, Rosebery Avenue, London, E.C.1	
Holborn Surgical Instrument Co., Ltd., 15, Charterhouse Street, Holborn Circus, London, E.C.1	F
J. G. Ingram & Son, Ltd., The London India Rubber Works, Hackney Wick, London, E.9	C
Institution Supplies, Ltd., 46, Park Place, Leeds 1	F
James A. Jobling & Co., Ltd., Wear Glass Works, Sunderland, Durham (Pyrex) ..	F
Lexington Industries, Ltd., Hanway Works, Hanway Street, London, W.1 ..	D
John Lockett & Co., Chancery Lane, Longton, Stoke-on-Trent	G
Manesty Machines Ltd., Speke Hall Road, Liverpool 19	H
S. Maw, Son & Sons, Ltd., Aldersgate House, Cromer Road, New Barnet, Herts. ..	A C
Medical Apparatus, Ltd., 17/18, Billiter Street, London, E.C.3	A G
Medical Bottle Supplies, Ltd., Brook House, 191, Tottenham Court Road, London, W.1	A F
Moritz Chemical Engineering Co., Ltd., 204, Earl's Court Road, London, S.W.5 ..	B
S. Murray & Co., Ltd., 45, St. Pancras Way, N.W.1	C
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	D E
Petromor, Ltd., Jacey House, 16, Oxford Street, Manchester 1	D
Quickfit and Quartz, Ltd., 1, Albemarle Street, Piccadilly, London, W.1 ..	F
Excrs. of Wm. Sharratt, Ltd., Tower Works, Crabtree Lane, Clayton, Manchester 11	A
Shell Chemicals Ltd. (Distributors), 112, Strand, London, W.C.2	D
Thermal Syndicate, Ltd., Neptune Bank, Wallsend, Northumberland (Fused quartz and silica)	B F
Willen Bros., Ltd., 44, New Cavendish Street, W.1, and 9, Eastgate, Exeter, Devon	A C F G
Wood (Granville) & Co., Ltd., Ascroft Street, Oldham, Lancs.	C
A. Yeates & Sons, Ltd., 151/3, Denmark Hill, London, S.E.5	G

GROUP No. 9 —CLEANING EQUIPMENT

- A. Brooms, Brushes and Mops

B. Carpet Sweepers

C. Cleaning Cloths and Chamois Leathers
- D. Dustpans

E. Scourers

F. Laboratory Brushes

	Key
Askey & Quine, Ltd., 1, Coopers Row, Liverpool 1	E
Bedwell, Arthur & Co., Ltd., 438/442, Barking Road, Plaistow, London, E.13	E
John Bentley & Co., Ltd., 270/271, Broad Street, Birmingham 1	B
Bonza Polish Co., Ltd., Fishponds, Bristol	C E
J. H. Bounds, Stethos House, 68, Sackville Street, Manchester 1	C F
Co-operative Wholesale Society, Ltd., Contracts Department, 1, Balloon Street, Manchester 4	A B C E
Crompton Mfg. Co., Ltd., Melbourne Works, Firth Street, Huddersfield, Yorks.	C E
Cullen, W. H., 20, Clifton Street, London, E.C.2	A B C D E F
Druce & Co., Ltd., 56, Baker Street, London, W.1	A B C D E F
Entwistle & Kenyon, Ltd., Ewbank Works, Accrington, Lancs.	B
James Farquharson & Sons, Park Parade, London, N.W.10	A B C D
Samuel Gratix, Ltd., Quay Street, Manchester 1	A B C D F
C. Hainsworth, The Elms, Rusper, Horsham, Sussex	C E
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1	A B C D E F
Institution Supplies, Ltd., 46, Park Place, Leeds 1	A B C D E F
Kleen-E-Ze Brush Co., Ltd., Hanham, Bristol, Som.	A B F
Lamson Engineering Co., Ltd., 6/10, Hythe Road, Willesden, London, N.W.10 ..	B
K. Marock & Co., Ltd., 15/19, Arcola Street, Stoke Newington Road, London, E.8 ..	C

Group 9 (Continued)

Minatol, Ltd., Morland Road, Croydon, Surrey	Key A C E
Newton, Shakespeare & Co., Ltd., Garrison Lane, Birmingham 9	D
Osmond & Matthews, Ltd., 82/4, Crown Lane, Southgate, London, N.14	A
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	A B C D E
The Premier Polish Co., Ltd., Alston Works, Cheltenham	A C E
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham 1	A
Pryke & Palmer, Ltd., 41/41, Upper Thames Street, London, E.C.4	A B C D E
Rollnick & Gordon, Ltd., Associated with R. G. Dixon & Co., Ltd., Capitol Works, Empire Way, Wembley, Middlesex	B
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	D
Excers. of Wm. Sharratt, Ltd., Tower Works, Crabtree Lane, Clayton, Manchester 11	E
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	A B D
Snape & Sons, Manchester Road, Swinton, Manchester	E
D. Stewart & Co., 2, Little Love Lane, Wood Street, London, E.C.2	A C E F
Waring & Gillow, Ltd., 164/182, Oxford Street, London, W.1	B
Wilsons (Wear-Well), Ltd., 353, City Road, London, E.C.1	C E
A. Yeates & Sons, Ltd., 151/3, Denmark Hill, London, S.E.5	A D

GROUP No. 10 —CLEANING MACHINERY

- | | |
|---|-------------------------------------|
| A. Dishwashing Machines | G. Carpet Shampooing Machines |
| B. Floor Polishers (Electric) | H. Floor Polish Sprayers |
| C. Floor Scrubbing and Sanding Machines | I. Bottle Filling Machines |
| D. Oil Cleaning Machines | J. Bottle and Jar Cleaning Machines |
| E. Vacuum Cleaners | K. Floor Polishers (hand) |
| F. Electric Squeegees | |

Adelphi Manufacturing Co., Ltd., 393a, City Road, London, E.C.1	Key H I J
Avamore Engineering Co., Ltd., 104, High Holborn, London, W.C.1	A
Albright & Wilson, Ltd., 49, Park Lane, London, W.1	A
Arthur Bedwell & Co., Ltd., 438/442, Barking Road, Plaistow, London, E.13	H
Benham & Sons, Ltd., 66, Wigmore Street, London, W.1	A
R. C. Bigwood, Ltd., 147, Station Road, King's Heath, Birmingham, 14	A
Bonza Polish Co., Ltd., Fishponds, Bristol	B
British Vacuum Cleaner & Engineering Co., Ltd., Goblin Works, Leatherhead, Surrey	E
Bylock Electric, Ltd., South Street, Ponders End, Middlesex	E

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Barrowfield Chemical Works, Glasgow, S.E.

Dawson Deluge

DISHWASHING MACHINES



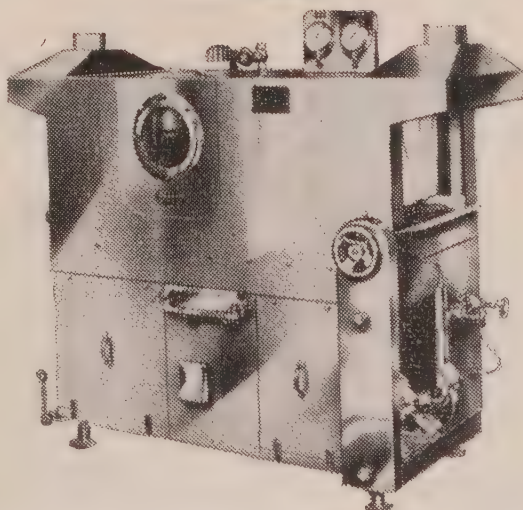
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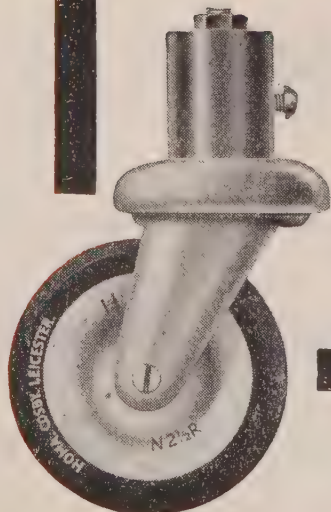
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• CATALOGUE UPON REQUEST

Group 10 (Continued)

Carron Co., Carron, Falkirk, Stirlingshire	Key A
Cimex, Ltd., 68, Victoria Street, Westminster, London, S.W.1	B C F
Co-operative Wholesale Society, Ltd., Contracts Department, 1, Balloon Street, Manchester 4	E
Dawson Bros., Ltd., Roding Lane, Woodford Green, Essex	A
R. G. Dixon & Co., Ltd., Capitol Works, Wembley, Middlesex	C E F H
Electrix Ltd., Sterling Works, Dagenham, Essex	E
Electrona Electrical Products, Ltd., Eider House, 12, Dulcie Street, Manchester 1	B
Electrolux, Ltd., 153, Regent Street, London, W.1	B E
Falkirk Iron Co., Ltd., Falkirk, Stirlingshire	A
Finnell System Ltd., Tudor Works, Park Royal, N.W.10	B C
General Electric Co., Ltd., Magnet House, Kingsway, W.C.2	B E
J. Glover & Sons, Ltd., 39/47, Groton Road, Earlsfield, S.W.18	D
Samuel Gratrix, Ltd., Quay Street, Manchester 3	A B C E
Hill (The Thomas) Engineering Co. (Hull), Ltd., 247/249, Beverley Road, Hull	J
Hobart Manufacturing Co., Ltd., Hobart Corner, New Southgate, London, N.11	A
Hoover, Ltd., Perivale, Greenford, Middlesex	E
Institution Supplies, Ltd., 46, Park Place, Leeds 1	A B C F G H
S. C. Johnson & Son, Ltd., West Drayton, Middlesex	K
Kitchen Machines, Ltd., 7, Sicilian Avenue, Southampton Row, London, W.C.1	A C
M. & H. Lewis, Ltd., 42, Grays Inn Road, London, W.C.1	E
London Commercial Electrical Stores, Ltd., 20/22, Cursitor Street, London, E.C.4	E
Mabbot & Co., Ltd., Phoenix Works, Poland Street, Manchester 4	A
Max Electrical Co., Ltd., 190, Thornton Road, Croydon, Surrey	A
Minatol, Ltd., Morland Road, Croydon, Surrey	K
Moorwoods, Ltd., Harlestone Ironworks, Sheffield 4	E
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	A B E
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham 1	B
Peerless & Ericsson, Ltd., 6, Lygon Place, Grosvenor Gardens, London, S.W.1	A
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	A B
John P. Quinn, 15, Hargreaves Road, Liverpool 17	A
Radiation (Large Cooking Equipment), Ltd., Palatine Works, Warrington, Lancs.	A
Rollnick & Gordon, Ltd., Associated with R. G. Dixon & Co., Ltd., Capitol Works, Empire Way, Wembley, Middlesex	B C E F G H
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	A
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	A
Spencer, Heath & George, Ltd., Garfield Road, Enfield, Middlesex	C
Staines Kitchen Equipment Co., Ltd., 94, Victoria Street, London, S.W.1	A
Steel & Co., Ltd., 14, Berkeley Street, London, W.1	A
Sturtevant Engineering Co., Ltd., Southern House, Cannon Street, London, E.C.4	E
Sun Electrical Co., Ltd., 118/124, Charing Cross Road, London, W.C.2	B E
Thorn Electrical Industries, Ltd., 105/109, Judd Street, London, W.C.1	E
Vactric, Ltd., Newhouse, Motherwell, Lanarkshire	B E
A. Yeates & Sons, Ltd., 151/3, Denmark Hill, London, S.E.5	A

GROUP No. 11 —CLEANING POWDERS, SOLUTIONS, SOAPS AND POLISHES

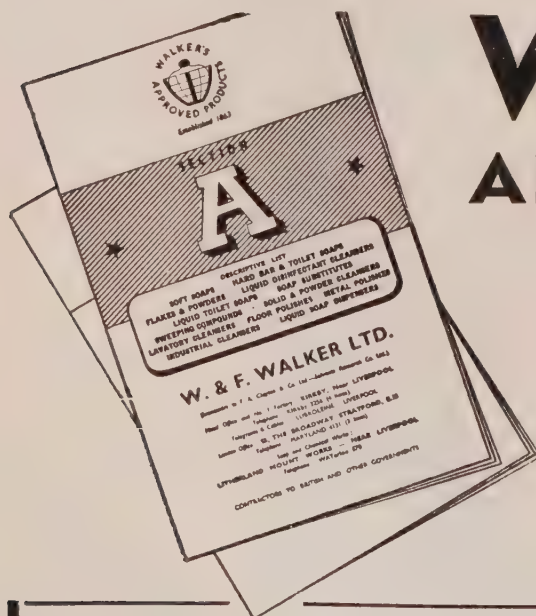
A. Boot Polish	F. Furniture Polish
B. Cleansers, Polishers, etc.	G. Grate Polish
C. Dishwashing Powders and Solutions	H. Metal Polish
D. Dust Allayers	I. Soaps, including Soap Flakes and Powder
E. Floor Polishes (solid and liquid)	J. Soap, Liquid (Toilet)
	K. Soap Substitute, Liquid

Albright & Wilson, 49, Park Lane, London, W.1	Key C
Barclay & Co. (Liverpool), Ltd., 40, Durning Road, Liverpool 7	B C E I
Bedwell, Arthur & Co., Ltd., 438/412, Barking Road, Plaistow, London, E.13	A B C E G H I J K
Bonza Polish Co., Ltd., Fishponds, Bristol	A B E F H
Boots Pure Drug Co. Ltd., Station Street, Nottingham	B I J K
Bonza Polish Co., Ltd., Fishponds, Bristol	A B E F H
Boots Pure Drug Co., Ltd., Station Street, Nottingham	I
British Detergents & Chemicals (1946), Victoria Road, Harpenden, Herts.	C I
Brown & Forth, Ltd., Clifton House, 83/117, Euston Road, London, N.W.1	C I
F. C. Calvert & Co., Ltd., Gibbon Street, Ashton New Road, Manchester (Carbolic)	I
Carr & Day & Martin, Ltd., New Southgate, London, N.11	A B E F H
Chiswick Products, Ltd., Burlington Lane, Chiswick, London, W.4 (Liquid Mansion Polish)	A E F
Cimex, Ltd., 68, Victoria Street, Westminster, London, S.W.1	B D

Group 11 (Continued)

F. A. Clayton & Co., Ltd., 141, Vauxhall Road, Liverpool 3	Key BEHI
Cooper, McDougall & Robertson, Ltd., Chemical Works, Berkhamsted, Herts.	I
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester 4	ABCEFH I
County Chemical Co., Ltd., Chemico Works, Stratford Road, Shirley, near Birmingham	BFI
Cullen, W. H., 20, Clifton Street, London, E.C.2	AB C D E F G H I
R. G. Dixon & Co., Ltd., Capitol Works, Wembley, Middlesex	E
Epheta Manufacturing Co., Epheta House, Newman Street, London, W.1	B
Every, H., & Co., Ltd., 93, Sandyfaulds Street, Glasgow, C.5	B
Fortune and Co., Ltd., Marsh Lane, Preston, Lancs.	AB E F G H
Furmoto Chemical Co., Ltd., 1/3, Brixton Road, London, S.W.9	AB E F G H
D. & W. Gibbs, Ltd., 1, Kingsgate Street, London, E.C.4	I
Gold Cup Products Co., Ltd., 17, Shaftesbury Avenue, London, W.1	BI
Gospo, Ltd., 8, Moorfields, London, E.C.2	BCI
Granwood Flooring Co., Ltd., Riddings, Derbyshire	E
Samuel Gratrix, Ltd., Quey Street, Manchester 3	BCE F
Gumpton Products, Ltd., Mallier House, Albemarle Street, London, W.1	B
Archd. H. Hamilton & Co., Ltd., 27, Bardowie Street, Possilpark, Glasgow, N.	EB
W. R. Hatton & Sons, Ltd., 316/318, Latimer Road, N. Kensington, London, W.10	I
Thomas Hedley & Co., Ltd., Phoenix Buildings, Collingwood Street, Newcastle-on-Tyne	BCI
Herts. Pharmaceuticals, Ltd., Bessemer Road, Welwyn Garden City, Herts.	I
Homeware Co. (Hook), Ltd., Hook, Surbiton, Surrey	DF
A. Ibbetson & Co., Ibcos Works, Great North Road, Stevenage, Herts.	BI
Industrial Soaps, Ltd., Gravel House, 5/13, Great Suffolk Street, London, S.E.1	BCI
Institution Supplies, Ltd., 46, Park Place, Leeds 1	AB C D E F G H I
S. C. Johnson & Sons, Ltd., West Drayton, Middlesex	EF
Kay Bros., Ltd., Kayborough Works, Hurst Street, Reddish, Stockport	B
Killgerm Co., Ltd., Cleckheaton, Yorks.	AEI
Kirkwood, Craig & Co., Ltd., 8th Avenue Works, Manor Park London, E.12	BE
Kitchen Machines, Ltd., 7, Sicilian Avenue, Southampton Row, London, W.C.1	C
Kiwi Polish Co., Ltd., Brumwill Road, W.5	AEF
Kleen-E-Ze Brush Co., Ltd., Hanham, Bristol	BDE

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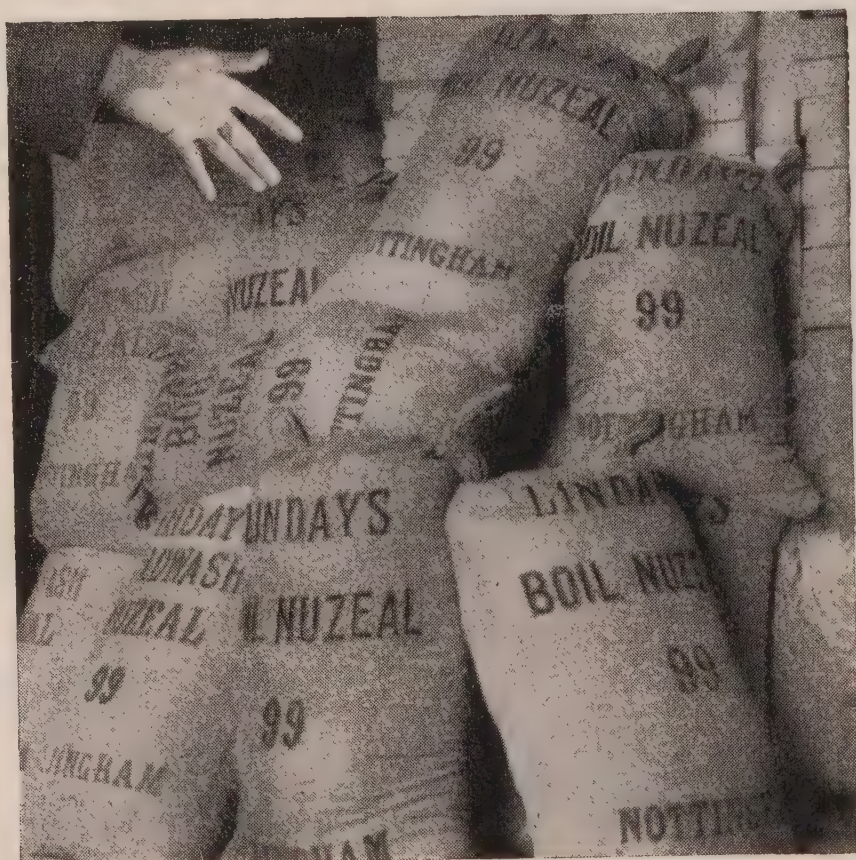
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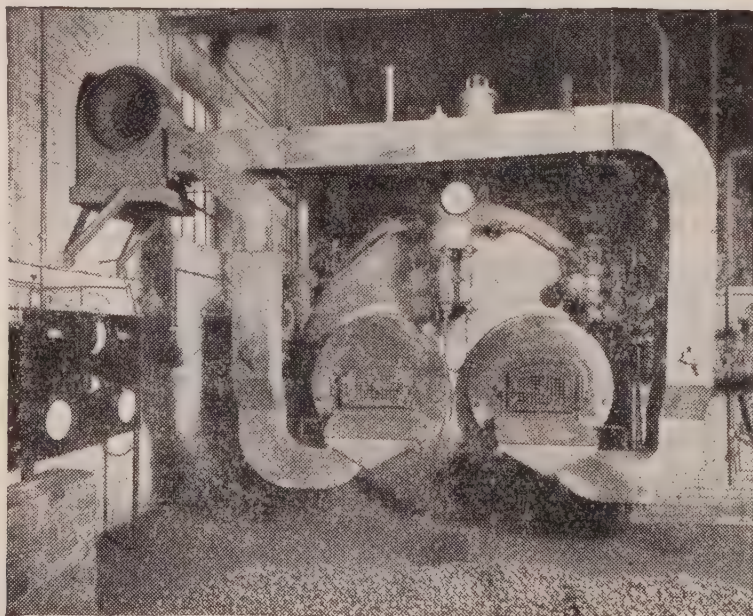
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'Grams : NIVALBO, Nottingham.

Group 11 (Continued)

John Knight, Ltd., London, E.16	Key
Laporte Chemicals, Ltd., Kingsway, Luton, Beds.	I
Lever Bros., Ltd., The Hospital, Lodge Lane, Port Sunlight	CI
James Linday & Sons, Ltd., Dunkirk Soap Works, Nottingham	BI
J. Manger & Son, Ltd., 57, Kingsland High Street, London, E.8	I
Marbolith Flooring Co., Ltd., 29, Albert Embankment, London, S.E.11	BI
Matthews Laboratories, Ltd., 10, Hensmans Hill, Clifton, Bristol	E
Minatol, Ltd., Morland Road, Croydon, Surrey	I
The Mulsoid Co., Ltd., National Buildings, St. Mary's Parsonage, Manchester 3	BCDEFIJK
(Solvent)	I
Newbery & Phillips, Ltd., Victoria House, Southampton Row, London, W.C.1	I
Newton, Chambers & Co., Ltd., Thorncliffe, nr. Sheffield	CI
Northern Pump & Equipment Co., Ltd., 35, High Street, Hampstead, London, N.W.3	E
Nottingham Leather Co., Ltd., Kent Street, Nottingham	ABEH
O'Cedar, Ltd., Trading Estate, Slough, Bucks.	BEF
Osmond & Matthews, Ltd., 82/4, Crown Lane, Southgate, London, N.14	B
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	BE
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham 1	BDE
Paton, Calvert & Co., Binns Road, Liverpool	F
Henry W. Peabody (Industrial), Ltd., 17, Great Suffolk Street, London, S.E.1	CEH
J. F. Percival, Ltd., Valentine Place, Blackfriars Road, London, S.E.1	ABCEFH
Petromor, Ltd., Jacey House, 16, Oxford Street, Manchester 1	BCD
Polysulphin Co. Ltd., Keynsham, Nr. Bristol	I
The Premiere Polish Co., Ltd., Alstone Works, Cheltenham	ABDEFH
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	ABCEFGHI
Reckitt & Colman, Ltd., Hull	H
Rollnick & Gordon Ltd., Associated with R. G. Dixon & Co., Ltd., Capitol Works, Empire Way, Wembley, Middlesex	E
Ronuk, Ltd., Portslade, Sussex	ABE
Ryland, Llewellyn & Co., Binns Road, Liverpool	H
Exors. of Wm. Sharratt, Ltd., Tower Works, Crabtree Lane, Clayton, Manchester 2	BI
Shell Chemicals Ltd. (Distributors), 112, Strand, London, W.C.2	BC
Simmonds Products, Ltd., Great West Road, Brentford, London	BE
Camille Simon, Ltd., Strand-on-the-Green, Chiswick, London, W.4	I
Slip Products Co., Ltd., Slip Works, Coombe Bridge, Kingston By-Pass, London, S.W.20	F

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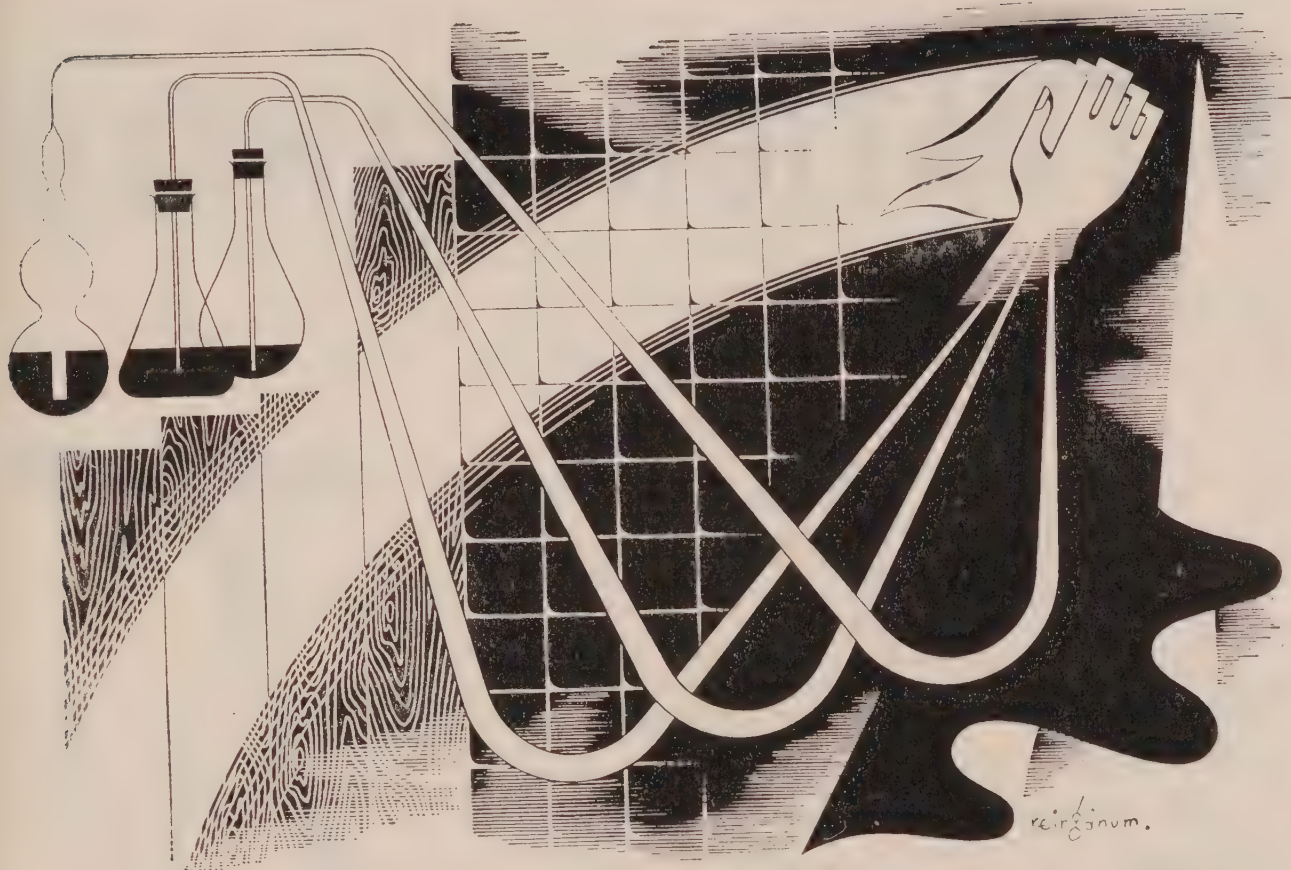
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Group 11 (Continued)

Spinningfield Chemical Co., Ltd., 43/49, Wood Street, Deansgate, Manchester 3	Key
J. Strother & Co., Ltd., 2, Westmoreland Road, London, S.E.17	BEHI
G. & J. Thomson, Ltd., Barrowfield Chemical Works, 67, Colvend Street, Glasgow, S.E.	B I K
Universal Chemical Products, Ltd., 74, Great Hampton Street, Hockley, Birmingham, 18	BEH
Universal Milling Co., Ltd., 19/20, Latona Road, London, S.E.15	BCK
Vinolin Co., Ltd., Bebington, Wirral, Cheshire (Baby Soaps and Powder)	BE
Voltas, Ltd., Gem Works, The Green, Southall, Middlesex	I
Vulcan Polish & Stain Co., St. Andrew's Street, Northampton	B
W. & E. Walker, Ltd., K.1, Kirby Trading Estate, near Liverpool	A
Richard Wheen & Sons, Ltd., Soapery, Deptford, London, S.E.8	BCEHI
Wright, Layman and Umney, Ltd., 46, Southwark Street, London, S.E.1	I

GROUP No. 12 - DISINFECTION

A. Antiseptics	F. Lavatory Disinfectants
B. Deodorants	G. Lysol
C. Disinfectants	H. Liquid Surgical Soap
D. Disinfecting Apparatus	I. Vaporisers, Ozonisers, etc.
E. Disinfectors	J. Hair Soap

Ados, Ltd., 84, Upper Richmond Road, London, S.W.15	Key
Allen & Hanburys, Ltd., Bethnal Green, London, E.2	ABCD
Bacterol, Ltd., 435, Strand, London, W.C.2	AG
Barclay & Co. (Liverpool), Ltd., 40, Durning Road, Liverpool 7	BCDEFI
Bedwell, Arthur, & Co., Ltd., 438/442, Barking Road, Plaistow, London, E.13	BC
Boots Pure Drug Co., Ltd., Station Street, Nottingham	BCFG
Thomas Bradford & Co., Ltd., Crescent Iron Works, Salford 6, Lancs.	ABCFGH
British Alkaloids, Ltd., Dashwood House, 69, Old Broad Street, London, E.C.2	E
British Detergents & Chemicals (1946), Victoria Road, Harpenden, Herts.	A
British Disinfectant Co., Ltd., South Grove, South Tottenham, Middlesex	ABCFH
British Sterilizer Co., Ltd., 3/8, Holman Road, Battersea, London, S.W.11	C
Brown & Forth, Ltd., Clifton House, 83/117, Euston Road, London, N.W.1	C
Burge, Warren & Ridgley, Ltd., 45, City Road, London, E.C.1	CH
Burgoyne Burbridges & Co., Ltd., High Street South, East Ham, London, E.6	BC
F. C. Calvert & Co., Ltd., Gibbon Street, Ashton New Road, Manchester 11	ACG
Ciba Laboratories, Ltd., Horsham, Sussex	C
Cimex, Ltd., 68, Victoria Street, Westminster, London, S.W.1	A
F. A. Clayton & Co., Ltd., 141, Vauxhall Road, Liverpool 3	ABC
Clayton Installations, Ltd., 19, Surrey Street, London, W.C.2	DE
Cooper, McDougall & Robertson, Ltd., Chemical Works, Berkhamsted, Herts.	C
Co-operative Wholesale Society, Ltd., Contracts Department, 1, Balloon Street, Manchester 4	BC
Cromessol Co., Ltd., 138/148, Brand Street, Glasgow, S.W.1	CI
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	I
Duncan Flockhart & Co., 155/7, Farringdon Road, London, E.C.1	ACGH
Elcosan Disinfectants, Elephant Chemical Co., London, S.E.1	C
Evans Medical Supplies, Ltd., Speke, Liverpool 19	ABCGH
Fassett & Johnson, Ltd., 86, Clerkenwell Road, London, E.C.1	A
Four Oaks Spraying Machine Co., Four Oaks Works, Four Oaks, Sutton Coldfield, Near Birmingham	D
Furmoto Chemical Co., Ltd., 1/3, Brixton Road, London, S.W.9	C
Gospo, Ltd., 8, Moorfields, London, E.C.2	C
Samuel Gratrix, Ltd., Quay Street, Manchester 3	CF
Douglas Hext & Co., Ltd., 442-3, Strand, London, W.C.2	BCDEFI
Harpic Manufacturing Co., Ltd., Hull and London	CF
Howards & Sons, Ltd., Uphall Road, Ilford, Essex	A
A. Ibbetson & Co., Ibco Works, Great North Road, Stevenage, Herts.	AC
Imperial Chemical Industries, Ltd., London S.W.1	BC
Jeyes' Laboratories, Ltd., Millbrook, Chigwell, Essex	A
Jeyes Sanitary Compounds Co., Ltd., Millbrook, Manor Road, Chigwell, Essex	CG
Kay Bros., Ltd., Kayborough Works, Hurst Street, Reddish, Stockport	F
Killgerm Co., Ltd., Cleckheaton, Yorks.	ABCEFG
Laporte Chemicals, Ltd., Kingsway, Luton, Beds.	ABC
Lehn & Fink Products, Ltd., Raynes Park, London, S.W.20	AG
Lysol Limited, Raynes Park, London, S.W.20	AG
Manlove, Alliot & Co., Ltd., Blooms Grove Works, Nottingham	E
Matthews Laboratories, Ltd., 10, Hensmans Hill, Clifton, Bristol	H
S. Maw, Son & Sons, Ltd., Aldersgate House, Cromer Road, New Barnet, Herts.	I
Milton Antiseptic, Ltd., 10/12, Brewery Road, London, N.7	A
Minatol, Ltd., Morland Road, Croydon, Surrey	BCFHI

Group 12 (Continued)

	Key
Newton, Chambers & Co., Ltd., Thorncliffe, Nr. Sheffield	B C D E F G
Ozonair, Ltd., Ozonair House, Longmoore Street, London, S.W.1	I
Parozone Co., Ltd., 12/16, Wellington Street, Canning Town, London, E.16	C
Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Essex	A
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	F
Pure Products, Ltd., Colwick, Nottingham	J
Reckitt & Colman, Ltd., Hull (Dettol)	A B C
W. J. Rendell, Ltd., Hardwick House, 161/165, Rosebery Avenue, London, E.C.1	A C
Rentokil (Sales), Ltd., 168, Stockwell Road, London, S.W.9	B C D
W. S. Shepherd, Ltd., Bramshaw Road, London, E.9	F
Southon Laboratories, Ltd., 84/88, Upper Richmond Road, London, S.W.15	A B C D
James Slater & Co. (Engineers), Ltd., 50/51, Wells Street, London, W.1	E
Spinningfield Chemical Co., Ltd., 43/49, Wood Street, Deansgate, Manchester 3	C
Strawson Chemical Co., Ltd., 6, Rydal Road, London, S.W.16 (Bactyl)	C
J. Strother & Co., Ltd., 2, Westmoreland Road, London, S.E.17	F
R. Sumner & Co., Ltd., 40, Hanover Street, Liverpool 1	C
Thresh Disinfector Co., Phoenix Works, Keighley, Yorks.	D E
Visco Engineering Co., Ltd., 161, Stafford Road, Croydon, Surrey	I
Voltas, Ltd., Gem Works, The Green, Southall, Middlesex	A
Waitrose, Ltd., 21/23, Gloucester Road, London, S.W.7	C
W. & F. Walker, Ltd., Kirby Trading Estate, Near Liverpool	A B
Wood (Granville) & Co., Ltd., Ascroft Street, Oldham, Lancs.	C
Wright, Layman & Umney, Ltd., 46, Southwark Street, London, S.E.1	C H
Robert Young & Co., Ltd., Cranstonhill Chemical Works, 38, Elliott Street, Glasgow, C.3	C G

GROUP No. **13** — DRESS AND UNIFORM MATERIALS

A. Apron and Nurse Cloths	G. Hollands, Linens	
B. Bleaching, Dyeing, Finishing and Shrinking	H. Marking Methods	
C. Buttons	I. Name Tapes and Labels	
D. Calicoes	J. Regattas	
E. Collars, Cuffs, Dress Belts	K. Uniform and Dress Fabrics	
F. Flannels, Flannelettes	L. Satteen Drills	
		Key
H. Booth & Son, Ltd., 23, Byram Street, Huddersfield, Yorks.	A D E F G K	
J. H. Bounds, Stethos House, 68, Sackville Street, Manchester 1	A C D E F G I J K	
Bradford Dyers' Association, Ltd., 39, Well Street, Bradford	B	
Andrew Browne & Sons, Ltd., 19/21, Tempest Hey, Liverpool 2	A D J	
Britannia Rubber & Kamptulicon Co., Ltd., Bridgewater Road, Alpertons, Wembley, Middlesex	A G	
Burgess, Ledward & Co., Ltd., Linnyslaw Mills, Walkden, Nr. Manchester	A J	
Carus, Alexander, & Sons, Ltd., Foddlesden Mills, Darwen, Lancs.	C	
J. & J. Cash, Ltd., Coventry	I J	
Crompton Mfg. Co., Ltd., Melbourne Works, Firth Street, Huddersfield, Yorks.	A D E F G J K L	
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester 4	A C E K	
E. W. Cordle & Son, Ltd., Maidstone House, 26, Berners Street, London, W.1	G	
Thomas Fattorini, Ltd., Regent Street Works, Birmingham 1	C	
E. & R. Garrould, Ltd., 150/162, Edgware Road, London, W.2	E G	
C. Hainsworth, The Elms, Rusper, Horsham, Sussex	A D F G J K	
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1	G	
Harboro' Rubber Co., Ltd., Dainite Mills, Market Harborough	C	
Horrockses, Crewdson & Co., Ltd., Preston, London, Manchester	A D F K	
J. Jackson & Co., Arcana Works, 7/9, Suffolk Street, Birmingham	H	
S. M. Ketteridge, 40, Denstone Road, Salford 6, Lancs.	D J	
Laporte Chemicals, Ltd., Kingsway, Luton, Beds.	B	
K. Marock & Co., Ltd., 15/19, Arcola Street, Stoke Newington Road, London, E.8	A C D E F G H J K	
Milns, Cartwright & Reynolds, Ltd., Leven Road, Poplar, London, E.14	A E J K	
Moffat (Frederick) & Co. (London), Ltd., 50, Gray's Inn Road, London, W.C.1	A C D E F G J K	
National Marking Machine Co., Ltd., 16, Sunbeam Road, London, N.W.10	H	
Nurses' Outfitting Association, Ltd., Carlyle House, Stockport, Ches.	K I	
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	E G	
William Patterson & Sons, 77/93, Overgate, Dundee	A C D E F G J K L	
S. & J. Prestwich, Pandora Mills, Farnworth, Lancs.	J K L	
E. M. Richford, Ltd., 9, Snow Hill, London, E.C.4	H	
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Snape & Sons, Manchester Road, Swinton, Manchester ..	A D E F G J K
D. Stewart & Co., 2, Little Love Lane, Wood Street, London, E.C.2.	A C D E F G I K L J
G. & J. Thomson, Ltd., Barrowfield Chemical Works, 67, Colvend Street, Glasgow, D.E.	B
Tillett's Cotton Marking Machines, Ltd., 153/155, Romford Road, London, E.15	H
Waring & Gillow, Ltd., 164/182, Oxford Street, London, W.1	G
Whitworth & Mitchell, Ltd., 38, Whitworth Street, Manchester	K
T. H. Willmott & Co., Ltd., 15c, Warren Street, London W.1	A B F

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E. Electric Lighting Fittings, Hand Lamps, etc.	J. Switchgear
	K. Transformers for Low Voltage, Lighting, etc.
	L. Information & Advice
	L. Electrical Information & Advice
	M. Hand & Hood Dryers

Key

Ashwell & Nesbit, Ltd., Barkby Road, Leicester ..	B G H J K
Baxendale & Co., Ltd., 10/20, Thomas Street, Manchester 4	E
Belling & Co., Ltd., Bridge Works, Enfield, Middlesex	E
B.C.R. Industrial Equipment Co., 50, Teignmouth Road, Torquay	H
Benham & Sons, Ltd., 66, Wigmore Street, London, W.1	B
Benjamin Electric, Ltd., Brantwood Works, Tariff Road, Tottenham, London, N.17	E
Berkeley Electrical Engineering Co., Ltd., Vincent House, Vincent Square, London, S.W.1	B D E
Berry's Electric, Ltd., 86, Newman Street, London, W.1	E J
Bratt Colbran, Ltd., 10, Mortimer Street, London, W.1	B
British Electrical Development Association, 2, Savoy Hill, London, W.C.2	L
British-Thomson-Houston Co., Ltd., Crown House, Aldwych, London, W.C.2	C E F
Chloride Electrical Storage Co., Ltd., Exide Works, Clifton Junction, near Manchester	A I
E. K. Cole, Ltd., Ekco Works, Southend-on-Sea, Essex	B
Co-operative Wholesale Society, Ltd., Contracts Department, 1, Balloon Street, Manchester 4	C E
Crompton Parkinson, Ltd., Astor House, Aldwych, London, W.C.2	A C D E F G H K
Drake & Gorham Wholesale, Ltd., 77, Long Acre, London, W.C.2	C E H
Ediswan, Ponders End, Middlesex	C
Ekco-Ensign Electric, Ltd., Ekco Works, Southend-on-Sea, Essex	C D E F
Electric & Musical Industries, Ltd., Hayes, Middlesex	A
Ensign Lamps, Ltd., Kent Street Works, Preston, Lancs	C
Ever-Ready Company (Gt. Britain) Ltd., Hercules Place, Holloway, London, N.7	A
Falk Stadelman & Co., Ltd., 91, Farringdon Road, London, E.C.1.	C D E F H
Falkirk Iron Co., Ltd., Falkirk, Stirlingshire	B
W. N. Froy & Sons, Ltd., Brunswick Works, King Street, Hammersmith, London, W.6.	E
General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2	B C D E F G I J K
Samuel Gratrix, Ltd., Quay Street, Manchester 3	A B C D E F G H I J K
Haden Electrical, Ltd., 19/29, Woburn Place, London, W.C.1.	B C D E F G H I J K
Hailwood & Ackroyd, Ltd., Beacon Works, Morley, Leeds	E
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1	B C D E H
Harcourts, Ltd., Stanhope House, 1, Kean Street, London, W.C.2	E
Hart Accumulator Co., Ltd., 35, Marshgate Lane, Stratford, London, E.15	A
Heal's Contracts, Ltd., 196/199, Tottenham Court Road, London, W.1	C D E
Holophane, Ltd., 120, Elverton Street, St. Vincent Square, London, S.W.1	E
H. W. G. & Partners, Ltd., 82, Victoria Street, London, S.W.1	B C D E F G H K
John Ismay & Sons, Ltd., Ilford, Essex	C
Jackson Electric Stove Co., Ltd., 143, Sloane Street, London, S.W.1.	B
Jarvis, E. & R. Ltd., 15, Bath Street, City Road, London, E.C.1.	E
Kelvin, Bottomley and Baird, Ltd., Hillington, Glasgow	C
M. & H. Lewis, Ltd., 42, Grays Inn Road, London, W.C.1	E G
R. A. Lister & Co., Ltd., Dursley, Gloucestershire	F
Locke & Soares (1942), Ltd., 6/10, New Cavendish Street, London, W.1	B C D F G H I J
London Commercial Electrical Stores, Ltd., 20/22, Cursitor Street, London, E.C.4	C E K
Manor Electric Co., 53, Victoria Street, London, S.W.1	H
Mek-Elek Engineering, Ltd., 17, Western Road, Mitcham, Surrey	E K
Metropolitan Vickers Electrical Co., Ltd., Trafford Park, Manchester 17	C E F G H J K

Group 14 (Continued)

Nife Batteries Limited, Redditch, Worcs.	..	A I
Omega Lampworks, Ltd., Rodney Place, Merton Abbey, London, S.W.19	..	C
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	..	B E
Philips Electrical Ltd., Century House, Shaftesbury Avenue, London, W.C.2	..	C E
Pope's Electric Lamp Co., Ltd., 5, Earnshaw Street, London, W.C.2	..	C
Pritchett & Gold and E.P.S. Co., Ltd., 50, Grosvenor Gardens, London, S.W.1	..	I
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	..	B C E
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	..	B C E J K
Selz, Charles, Ltd., 88a, High Street, St. John's Wood, London, N.W.8	..	E
Semco Ltd., 6/7, Soho Street, London, W.1 (Fluorescent)	..	D E
E. Shipton & Co., Ltd., Ferndown Works, Northwood Hills, Middlesex	..	A H
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	..	E
Siemens Electric Lamps & Supplies, Ltd., 38/39, Upper Thames Street, London, E.C.4	..	C E H
Simplex Electric Co., Ltd., 217/219, Tottenham Court Road, London, W.1	..	E H I K
John Steel, Castlefields, Bingley, Yorks	..	G
Steel & Co., Ltd., 14, Berkeley Street, London, W.1	..	A
Sun Electrical Co., Ltd., 118/124, Charing Cross Road, London, W.C.2	..	B C D E F G J
Technical Lights & Equipment, Ltd., 9/10, Bentinck Mews, Marylebone Lane, London, W.1	..	A C D E H I K
Herbert Terry & Sons, Ltd., Redditch, Worcs. (Anglepoise Lamps)	..	C
Frederick Thomas & Co., Ltd., Everton Buildings, Stanhope Street, London, N.W.1	..	E
Thorn Electrical Industries, Ltd., 105/109, Judd Street, London, W.C.1	..	C
Tudor Accumulator Co., Ltd., 50, Grosvenor Gardens, London, S.W.1	..	A I
Unity Heating, Ltd., Welwyn Garden City, Herts.	..	B
Wandsworth Electrical Manufacturing Co., Ltd., 32, Frederick Street, Birmingham 1	..	E
Waring & Gillow Ltd., 164/182, Oxford Street, London, W.1	..	B D E
White (Jacob), & Co. Ltd., 324, Upper Street, Islington, London, N.1	..	B
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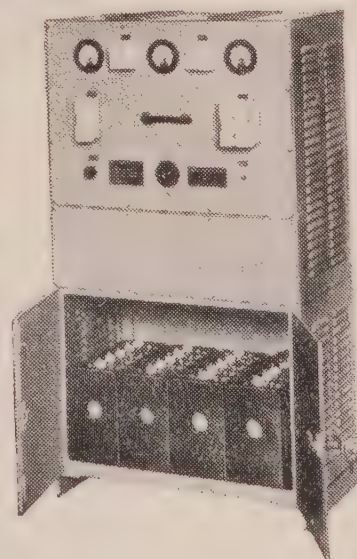
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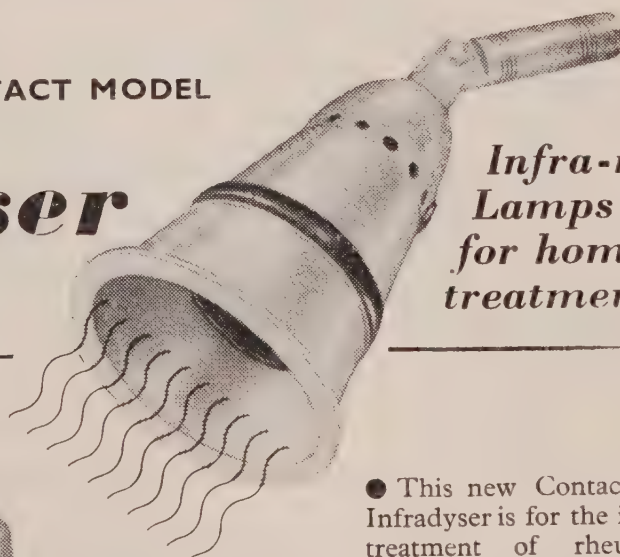
Andrew Machine Construction Co., Ltd., Terminal House, Grosvenor Gardens, London, S.W.1		D
B.C.R. Industrial Equipment Co., 50, Teignmouth Road, Torquay		D
Bell, John & Croyden, 50/52, Wigmore Street, London, W.1	A B C D E F G	E
Belling & Co., Ltd., Enfield, Middlesex		E
Berry's Electric, Ltd., 86, Newman Street, London, W.1		D
Keith Blackman, Ltd., Mill Mead Road, Tottenham, London, N.17		F
Bradford, Thomas & Co., Ltd., Crescent Iron Works, Salford 6, Lancs.		E
Bratt Colbran, Ltd., 10, Mortimer Street, London, W.1		E F
British Emulsifiers, Ltd., 12, Greek Street, London, W.1		F
British Vacuum Cleaner & Engineering Co., Ltd., Godlin Works, Leatherhead, Surrey		E F
Carron Co., Carron, Falkirk, Stirlingshire		E B F
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester 4		C
Cox-Cavendish Electrical Co., Ltd., 46/47, Marylebone High Street, London, W.1		H
Crypto Ltd., North Circular Road, London, N.W.10		D
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	B G	D
W. C. Davey & Co., Ltd., 180/182a, Tottenham Court Road, London, W.1		A
Davidson & Co., Ltd., Sirocco Engineering Works, Belfast, N. Ireland.		C E F
Doulton & Co., Ltd., Doulton House, Albert Embankment, London, S.E.1		E F
Dowsing Co. (Electrical Manufacturers), Ltd., Kangley Bridge Road, Lower Sydenham, London, S.E.26		E F
Electric & Musical Industries Ltd., Hayes, Middlesex		E F
Falkirk Iron Co., Ltd., Falkirk, Stirlingshire		B D E F G
General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2		B
Gent & Co., Ltd., Faraday Works, Leicester		A B C D E F G
Samuel Gratrix, Ltd., Quay Street, Manchester 3		B D E F G
Haden Electrical Ltd., 19/29, Woburn Place, London, W.C.1		E
Heatrae, Ltd., Norwich, Norfolk		E F
Hampton & Sons Ltd., Pall Mall East, London, S.W.1		E
Jackson Electric Stove Co., Ltd., 143, Sloane Street, London, S.W.1		A B C D E F G
M. & H. Lewis Ltd., 42, Grays Inn Road, London, W.C.1		D E F
Lighting Trades Limited, 51/55, Garratt Lane, Wandsworth, London, S.W.18		B
Locke & Soares (1942) Ltd., 6/10, New Cavendish Street, London, W.1		C E F
London Commercial Electrical Stores Ltd., 20/22, Cursitor Street, London, E.C.4		C
S. Maw, Son & Sons Ltd., Aldersgate House, Crown Road, New Barnet, Herts.		I
Medical Apparatus, Ltd., 17/18, Billiter Street, London, E.C.3		A C
Medical Supply Association Ltd., 167, Grays Inn Road, London, W.C.1		A C
Milliwatt Heating Pad Ltd., 10, String Place, Holmes Road, Kentish Town, London, N.W.5		A C
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1		C E
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham 1		F
Permaheat Ltd., Spectator Street, Manchester 4		A C
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4		A B E F
Reliance Telephone Co., Ltd., 39/41, Parker Street, London, W.C.2		B G
Rothermel, R. A., Ltd., Canterbury Road, Kilburn, London, N.W.6		A
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool		A B C D E F G
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey		A E
Siemens Electric Lamps & Supplies, Ltd., 38/39, Upper Thames Street, London, E.C.4		F
Simplex Electric Co., Ltd., Credenda Works, Reed End Road, Oldbury, Worcs.		H
Sterdy Telephones, Ltd., Queen's House, 180/182, Tottenham Court Road, London, W.1		G
Sturtevant Engineering Co., Ltd., Southern House, Cannon Street, London, E.C.4		D
Sun Electrical Co. Ltd., 118/124, Charing Cross Road, London, W.C.2	A B C D E F	C
Thermega, Ltd., 51/53, Victoria Street, London, S.W.1		F
Thorn Electrical Industries, Ltd., 105-109, Judd Street, London, W.C.1		B C E
Waring & Gillow Ltd., 164/182, Oxford Street, London, W.1		A
Veret, Ltd., Graham Road, Bexleyheath, Kent		

GROUP No. **16** —ELECTRO-MEDICAL APPARATUS**A. Electro-Medical and
Diagnostic Apparatus****B. Infra-Red Units
C. Ultra-Violet Units**

Key

Aerosols Ltd., 65, Old Brompton Road, London, S.W.7	A
Allen & Hanburys, Ltd., Bethnal Green, London, E.2	A
Amplivox Ltd., Amplivox House, 2, Bentinck Street, London, W.1	A
Bailey (W. H.) & Son Ltd., 45, Oxford Street, London, W.1	CB
John Bell & Croyden, 50/52, Wigmore Street, London, W.1	ABC
Cox-Cavendish Electrical Co., Ltd., 46/7, Marylebone High Street, London, W.1	ABC
Stanley Cox, Ltd., 11, Gerrard Street, Shaftesbury Avenue, London, W.1	ABC
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	ABC
Electro-Medical Supplies (Greenham) Ltd., 209b, Great Portland Street, London, W.1	ABC
General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2	B
General Radiological Ltd., 15/18, Clipstone St., Great Portland St., London, W.1	A
Samuel Gratrix, Ltd., Quay Street, Manchester 3	ABC
Hanovia, Ltd., Bath Road, Slough, Bucks.	BC
A. L. Hawkins & Co., Ltd., 15, New Cavendish Street, London, W.1	ABC
Holborn Surgical Instrument Co., Ltd., 15, Charterhouse Street, Holborn Circus, London, E.C.1	ABC
Kelvin, Bottomley & Baird Ltd., Kelvin Avenue, Hillington, Glasgow, S.W.2	A
London Commercial Electrical Stores, Ltd., 20/22, Cursitor St., London, E.C.4	BC
Marconi Instruments, Ltd., Longacres, Hatfield Road, St. Albans, Herts.	A
Medical Supply Association, Ltd., 167, Gray's Inn Road, London, W.C.1	AB
Metropolitan-Vickers Electrical Co., Ltd., Trafford Park, Manchester 17	B
Milliwatt Ltd., 10, Spring Place, Holmes Rd., Kentish Town, London, N.W.5	A
Mottershead & Co., (Estd. 1790) Ltd., 7, Exchange Street, Manchester	C
Multitone Electric Co., Ltd., 92, New Cavendish Street, London, W.1	A
Perihel Limited, 17/19, Edge Street, London, W.8	ABC
Philips Electrical Ltd., Century House, Shaftesbury Avenue, London, W.C.2	ABC
R. G. Shewring, 7, Crophorne Court, Five Ways, Birmingham 15	A
Solus-Schall, Ltd., 18, New Cavendish Street, London, W.1	ABC
Sun Electrical Co., Ltd., 118/124, Charing Cross Road, London, W.C.2	AC
Thermal Syndicate Ltd., Wallsend, Northumberland (Quartz mercury vapour burners)	C
Thermega, Ltd., 51/53, Victoria Street, London, S.W.1	A

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Watson & Sons (Electro-Medical), Ltd., Sunic House, Parker Street, Kingsway, London, W.C.2	A B C
John Weiss & Son, Ltd., 287, Oxford Street, London, W.1	A
Willen Bros., Ltd., 44, New Cavendish Street, London, W.1, and 9, Eastgate, Exeter, Devon	A

GROUP No. 17 —ENTERTAINMENTS

- A. Fetes Equipment

B. Carnival Novelties

C. Flags and Bunting

D. Games for Hire
- E. Medals

F. Fancy Dress

G. Collecting Boxes

H. Silver Paper and Tin Foil Collection

Askey and Quine Ltd., 1, Cooper's Row, Liverpool, 1	Key C
Barnum's Carnival Novelties, 67, Hammersmith Road, London, W.11	A B C D F G
Caxton Name Plate Manufacturing Co., Ltd., 66/68, Bellevue Rd., W. Ealing London, W.13	B C
Elton, Levy and Co., Ltd., 18, St. Thomas Street, London, S.E.1	H
Thomas Fattorini, Ltd., Regent Works, Birmingham 1	B E
L. Lipton, Phoenix Works, Lamprell Street, London, E.3	H
Lunt, W. B. and Co., 7, George Street Parade, Birmingham 3	C
K. Marock and Co., Ltd., 15/19, Arcola Street, Stoke Newington Rd., London, E.8	C
James Portland, 31, Sinclair Road, Kensington, London, W.14	A D
Snape and Son, Manchester Road, Swinton, Manchester	C
Stevens (Victor G.) Ltd., Felling-on-Tyne, Gateshead 10	H
Swan Mill Paper Co., Ltd., 92, Regent Street, London, W.1	B
Universal Button Co., Ltd., 13, Surat Street, Bethnal Green, London, E.2	C

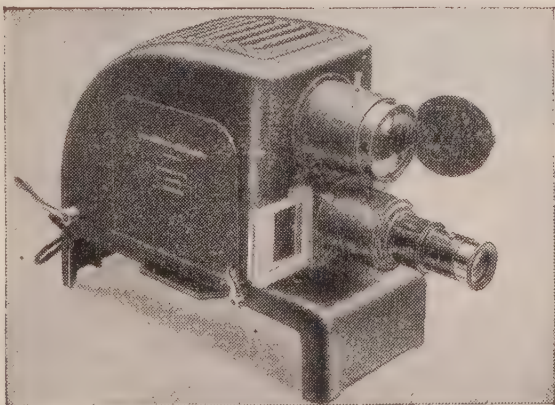
GROUP No. 18 —FILM AND SLIDE PROJECTION

- A. Cinematograph and Slide Lantern Equipment

B. Epidiascopes and Projection Apparatus
- C. Film Renters

D. Talking Pictures Apparatus

C. Baker (of Holborn) Ltd., 244, High Holborn, London, W.C.1	Key A
British Thompson-Houston Co., Ltd., Crown House, Aldwych, London, W.C.2	D
City Sale & Exchange Ltd., 63/66, Cheapside, London, E.C.2 ; 90-94, Fleet Street, London, E.C.4 ; 23, St. Mary Axe, London, E.C.3 ; 13, The Arcade, Liverpool Street, London, E.C.2	A B C D
Gratispool, Ltd., 37, Isles Lane, Leeds	A
Heaton, Wallace, 126/127, New Bond Street, London, W.1 ; also 47, Berkeley Street, London, W.1 and 166, Victoria Street, London, S.W.1	A B C D
Houghton Butcher Mfg. Co., Ltd., Walthamstow, London, E.17	A



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Ilford Ltd., Ilford, Essex	A
G. B. Kalee, Ltd., 60/66, Wardour Street, London, W.1	A
Kodak, Ltd., Wealdstone, Harrow, Middlesex	A
Harold Morris (Cameras) Ltd., 21, Kingsland High Street, London, E.8	A B C D
Newton & Co., Ltd., 72, Wigmore Street, London, W.1	A B
Ross Ltd., Optical Works, Clapham Common, London, S.W.4	B

GROUP No. 19 —FIRE PREVENTION AND FIRE FIGHTING

A. Fire Alarms	E. Fire Hose and Equipment
B. Fire Engines	F. Fire Proof Curtains (Asbestos)
C. Fire Escapes	G. Trailer Fire Pumps
D. Fire Extinguishers	H. Fire Prevention Systems
	I. Fire Escape Staircases.

Key

Associated Fire Alarms, Ltd., 6, Broad Street Place, Blomfield Street, London, E.C.2	A D
Bayliss, Jones & Bayliss, Ltd., Victoria and Monmoor Works, Wolverhampton	C
Bell's Asbestos & Engineering Ltd., Bestonell Works, Slough, Middlesex	D E F
British Thermostat Co., Ltd., Windmill Road, Sunbury-on-Thames, Middlesex	A
Carron Co., Carron, Falkirk	C
S. W. Farmer & Son, Ltd., Stairway House, Courthill Rd., London, S.E.13	I
General Fire Appliance Co., Ltd., 11, Waterloo Place, London, S.W.1	B D E
Gent & Co., Ltd., Faraday Works, Leicester	A
Samuel Gratrix Ltd. Quay Street, Manchester 3	D
Haden Electrical Ltd., 19/29, Woburn Place, London, W.C.1	A
Kerr, John & Co. (Manchester) Ltd., Northwick, Cheshire	B C D E F G
McGregor & Co., Scott Street Works, Dundee, Angus	D E
Merryweather & Sons, Greenwich Road, London, S.E.10	D
Minimax, Ltd., Feltham, Middlesex	C D E
David Moseley & Sons, Ltd., Chapelfield Works, Ardwick, Manchester 12	E
National Fire Protection Co., Ltd., 18, Petersham Road, Richmond, Surrey	B D E
F. A. Norris & Co., Burley House, 11/12, Theobalds Road, London, W.C.1	C
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	D E
Pulsometer Engineering Co., Ltd., Nine Elms Ironworks, Reading, Berks	G
Pyrene Co., Ltd., 9, Grosvenor Gardens, London, S.W.1	D E
Reliance Telephone Co., Ltd., 39/41, Parker Street, London, W.C.2	A
Valor Co., Ltd., 120, Victoria Street London, S.W.1 and Birmingham	D
Chas. Winn & Co., Ltd., 140, Granville Street, Birmingham 1	D E G

GROUP No. 20 —FISH, MEAT AND POULTRY

See also—Groceries, Bakers, Confectionery, etc. (Group 28),
and Tinned & Potted Foods (Group 55).

A. Butchers	D. Sausages, Offal, etc.
B. Fish Merchants	E. Quick-frosted Products
C. Poultry and Game	

Key

Bennett, J. (Billingsgate) Ltd., Neptune House, Water Lane, London, E.C.3	B
Burkett & Co., 1, Thayer Street, London, W.1	A
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester 4	B E
Emmisons, Ltd., 107, High Street, Chislehurst, Kent	B
John S. Fitter & Son, Ltd., 8/9, Leadenhall Market, London, E.C.3	A C D
John Gardner (London) Ltd., Adelaide House, London Bridge, London, E.C.4	A B C D E F
John Gow, Ltd., 78/80, Old Broad Street, London, E.C.2	B C
McConachie & Coxhill, Ltd., 7, Floral Hall, Covent Garden, London, W.C.2	E
Mac Fisheries, Ltd., Ocean House, Pudding Lane, London, E.C.3	B C
Medina Fish Co., Ltd., Albion Street, Grimsby, Lincs.	B E
Reuben Pearson, Ltd., Wharncliffe Road South, Grimsby, Lincs.	B
Smedley's Ltd., Wisbech, Cambridge	E
Smethurst, S. (Fish Curers), Ltd., Ropery Street, Grimsby, Lincs.	B E
Waitrose, Ltd., 21/23, Gloucester Road, London, S.W.7	A B C
Whitbread & Co., 408 and 413/414, Central Market, Smithfield, London, E.C.1	A C
W. Young & Son (Fish Distributors) Ltd., 17/19, Elizabeth Street, Victoria, London, S.W.1	B
W. Young & Son (Grimsby) Ltd., Fish Docks, Grimsby, Lincs.	B E

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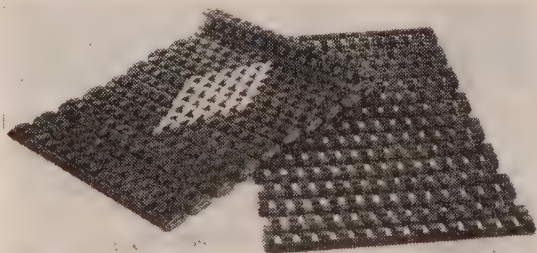
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GROUP No.

21

—FLOORS AND FLOOR COVERINGS

- A. Carpets, Rugs, etc.

B. Cork Tiling

C. Floors and Floorings

D. Floorsprings

E. Linoleum

F. Mats (Rubber, Fibre, Link Type, etc.)

G. Mosaic Floors

H. Rug making requisites

I. Terrazzo Paving

J. Composition Flooring.

K. Rubber Flooring.

Key

Armstrong Cork Co., Ltd., Kingsbury, London, N.W.9	B C
E. J. Arnold & Son, Ltd., Butterley Street, Hunslet Lane, Leeds 10	H
Atomic Rubber Flooring Co., Ltd., 15, Maiden Lane, Strand, London, W.C.2	C
Avon India Rubber Co., Melksham, Wilts.	C
Beehive Rubber Co., Ltd., 24, St. Mary Axe, London, E.C.3	B C F
John Bentley & Co., Ltd., 270/1, Broad Street, Birmingham 1	A E F
J. H. Bounds, Stethos House, 68, Sackville Street, Manchester 1	A E
Britannia Rubber & Kamptulicon Co., Ltd., Bridgewater Road, Alperton, Wembley, Middlesex	A C F
British Dolomont Co., (1938), Ltd., 147, Victoria Street, London, S.W.1	C
Car Mat, Ltd., 16, Colville Road, London, W.11	F
Cassell Andrews & Co., Ltd., Hardman Works, Manchester 3	F
Calders, Ltd., 29/31, Regent Street, London, S.W.1	C
Caxton Floors, Ltd., 45, Bedford Row, London, W.C.1 (Fire Resisting)	C
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester 4	A E F
Cork Insulation & Asbestos Co., Ltd., 13/16, West Smithfield, London, E.C.1	B C
Druce & Co., Ltd., 56, Baker Street, London, W.1	A B C E F
Dryad, Ltd., St. Nicholas Street, Leicester	H
Dunlop Rubber Co., Ltd., (General Rubber Goods Division), Cambridge Street, Manchester 1	C F
Dutfield & Quayle, Ltd., Kidderminster, Worcs.	A
Everwear Installations, Ltd., 9, George Street, Manchester Square, London, W.1	C
Floor Renovations, Ltd., 36, Lauriston Road, London, E.9	C
Furdecor, Ltd., 17, Mortimer Street, London, W.1	A E
Granwood Flooring Co., Ltd., Riddings, Derbyshire	C
Samuel Gratrix, Ltd., Quay Street, Manchester 3	A E F
C. Hainsworth, The Elms, Rusper, Horsham, Sussex	A E
Hampton & Sons Ltd., Pall Mall East, London, S.W.1	A E
Heal's Contracts, Ltd., 196/199, Tottenham Court Road, London, W.1	A B E F
Jelks & Sons, Ltd., 263/275, Holloway Road, London, N.7	A E
Kleine Co., Ltd., 9/13, George Street, Manchester Square, London, W.1	C
Korkoid Decorative Floors, 95, Bothwell Street, Glasgow, C.2	A B C E
Leyland & Birmingham Rubber Co., Ltd., Leyland, Nr. Preston, Lancs.	C F
Limmer & Trinidad Lake Asphalt Co., Ltd., 19, Grosvenor Place, London, S.W.1	C
Maple & Co., Ltd., Tottenham Court Road, London, W.1	A B C E F
Marbolith Flooring Co., Ltd., 29, Albert Embankment, London, S.E.11	B C E
K. Marock & Co., Ltd., 15/19, Arcola Street, Stoke Newington Road, London, E.8	E H
David Moseley & Sons, Ltd., Chapelfield Works, Ardwick, Manchester 12	F
Mundet Cork Products, Ltd., Vicarage Works, Vicarage Road, Croydon, Surrey	B
North British Rubber Co., Ltd., Castle Mills, Edinburgh 3	E F
Nottingham Leather Co., Ltd., Kent Street, Nottingham	F H
Nuway, Manufacturing Co., Ltd., Endurance Works, Coalport, Shropshire	F
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	A F
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham 1	D
Pryke & Palmer, Ltd., 40/41, Upper Thames, Street, London, E.C.4	A D E F
Quayle & Tranter, Ltd., Franchise Street, Kidderminster, Worcs.	A
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	C E
St. Dunstons, 191, Marylebone Road, London, N.W.1	A
D. Stewart & Co., 2, Little Love Lane, Wood Street, London, E.C.2	A B C E
Smith, Major & Stevens, Ltd., Abbey Works, Northampton	D
Sorbo Ltd., Sorbo Works, Woking, Surrey	C F
The Veitchi Co., Ltd., Eldon Street House, Eldon Street, London, E.C.2	J K
United Sterling Corporation, Ltd., 11, Oxford Circus Avenue, London, W.1	C
Waring & Gillow, Ltd., 164/182, Oxford Street, London, W.1	A B E
Wigmore (Hairdressers' Equipment), Ltd., 40 Dean Street, London, W.1	C
William Whiteley, Ltd., Queensway, Bayswater, London, W.2	A

GROUP No. **22** —FOOD PREPARATION MACHINERY

A.	Aerated and Soda Water Machines	H.	Potato Peeling Machines
B.	Bread Cutting Machines	I.	Slicing Machines
C.	Bread Making Machines	J.	Slicing Machines—Maintenance
D.	Canning Machines	K.	Baking Equipment (Bread Tins, Oven Sheets, Racks, Process Bins)
E.	Fruit Peelers		
F.	Mincers, Mixers & Mashers		
G.	Potato Machine Blades		

Key

Asco, Ltd., Broadheath, Nr. Manchester	.. .. .	I
Avamore Engineering Co., Ltd., 104, High Holborn, London, W.C.1	.. .. .	BH
Barnett & Foster, Ltd., 26, Eagle Wharf Road, London, N.1	.. .. .	A
G. F. E. Bartlett & Son (Metal Workers) Ltd., 30/34, Bell Street, London, N.W.1	.. .. .	BHIJ
Berkel & Parnall's Slicing Machine Mfg. Co., Ltd., Aden Road, Ponders End, Middlesex	.. .. .	IJ
R. C. Bigwood, Ltd., 147, Station Road, King's Heath, Birmingham 14	.. .. .	B
R.E. Collingwood & Son, Ltd., Lancashire Works, Stoneyfield, Rochdale, Lancs.	.. .. .	EGHJ
Crypto Limited, North Circular Road, London, N.W.10	.. .. .	FGH
Falkirk Iron Co., Ltd., Falkirk, Stirlingshire	.. .. .	BFH
Flugel & Co., Ltd., 225, Acton Lane, London, W.4	.. .. .	A
Gascoignes (Reading), Ltd., Berkeley Avenue, Reading, Berks.	.. .. .	F
Samuel Gratrix, Ltd., Quay Street, Manchester 3	.. .. .	BEFGHIJ
Gravity Feed Slicing Machine Co., Ltd., 63, St. John Street, London, E.C.1	.. .. .	J
Hobart Manufacturing Co., Ltd., Hobart Corner, New Southgate, London, N.11	.. .. .	FH
Home Canning Equipment Co., Ltd., Africa House, Kingsway, London, W.C.2	.. .. .	D
Imperial Machine Co., Victoria Works, Edgware Road, London, N.W.2	.. .. .	H
Institution Supplies, Ltd., 46, Park Place, Leeds 1	.. .. .	BFHI
Invicta Sheet Metal Co., Ltd., Hanover Lane, Leeds 3	.. .. .	K
Jackson Boilers, Ltd., Vulcan Works, Shafton Lane, Holbeck, Leeds 11	.. .. .	B
Kitchen Equipment, 61, Brewer Street, London, W.1	.. .. .	FH
Kitchen Machines, Ltd., 7, Sicilian Avenue, Southampton Row, London, W.C.2	.. .. .	FI
Mabbott & Co., Ltd., Phoenix Works, Poland Street, Manchester 4	.. .. .	BH
Frank V. Magrini, Ltd., 40/44, Newman Street, London, W.1	.. .. .	FI
K. Marock & Co., Ltd., 15/19, Arcola St., Stoke Newington Road, London, E.8	.. .. .	H
Medcalf & Co., Ltd., Champion Works, Saffron Hill, London, E.C.1	.. .. .	EI
Metcalf & Co., Ltd., Quinton Works, Quinton Road, Coventry	.. .. .	BIJ
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	.. .. .	ABDEFGHI
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham 1	.. .. .	BF
Peerless & Ericsson, Ltd., 6, Lygon Place, Grosvenor Gardens, London, S.W.1	.. .. .	CEFH
Pluton, Ltd., 15, Cross Street, Manchester 2	.. .. .	HI
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	.. .. .	BEFHI
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	.. .. .	BFGHI
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	.. .. .	BEFI
Steel & Co., Ltd., 14, Berkeley Street, London, W.1	.. .. .	B
Sumerling & Co., Ltd., 40/42, Newman Street, London, W.1	.. .. .	BFHI
Swallow Eng. Co., North Circular Road, West Twyford, London, N.W.10	.. .. .	I
Ultra Rapid Machine (Scotland), Ltd., 21/23, Bellgrove Street, Glasgow, E.1	.. .. .	IF
A. Yeates & Sons, Ltd., 151/3, Denmark Hill, London, S.E.5	.. .. .	BFHIJ

GROUP No. **23** —FUMIGATION AND PEST EXTERMINATION

A.	Fumigating	D.	Vermin Extermination
B.	Insecticides	E.	Germicide and Insecticide Projectors
C.	Rat Extermination		

Key

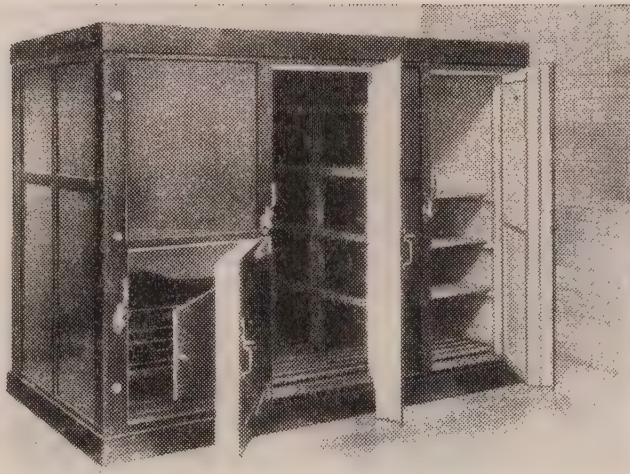
Aerosols Ltd., 65, Old Brompton Road, London, S.W.7	.. .. .	B
Ados, Ltd., 84, Upper Richmond Road, London, S.W.15	.. .. .	B
Arthur Bedwell & Co., Ltd., 438/442, Barking Rd., Plaistow, London, E.13	.. .. .	B
Bacterol, Ltd., 435, Strand, London, W.C.2	.. .. .	AE
Boots Pure Drug Co., Ltd., Station Street, Nottingham	.. .. .	B
British Detergents & Chemicals (1946), Victoria Road, Harpenden, Herts.	.. .. .	BC
British Disinfectant Co., Ltd., South Grove, Tottenham, London, N.15	.. .. .	B
British Ratin Co., Ltd., 125, Pall Mall, London, S.W.1	.. .. .	CD
Burroughs, Wellcome & Co., 183/193, Euston Road, London, N.W.1	.. .. .	B
Butler & Crispe, 80/84, Clerkenwell Road, London, E.C.1	.. .. .	B
Chelsea Insecticides, Ltd., 125, Pall Mall, London, S.W.1	.. .. .	BD
Clayton Installations, Ltd., 19, Surrey Street, London, W.C.2	.. .. .	ACD
Cooper, McDougall & Robertson, Ltd., Chemical Works, Berkhamsted, Herts.	.. .. .	AB
Cromessol Co., Ltd., 138/148, Brand Street, Glasgow, S.W.1	.. .. .	BD
Cimex, Ltd., 68, Victoria Street, Westminster, London, S.W.1	ACD
Docker Bros., Ladywood, Birmingham 16	B

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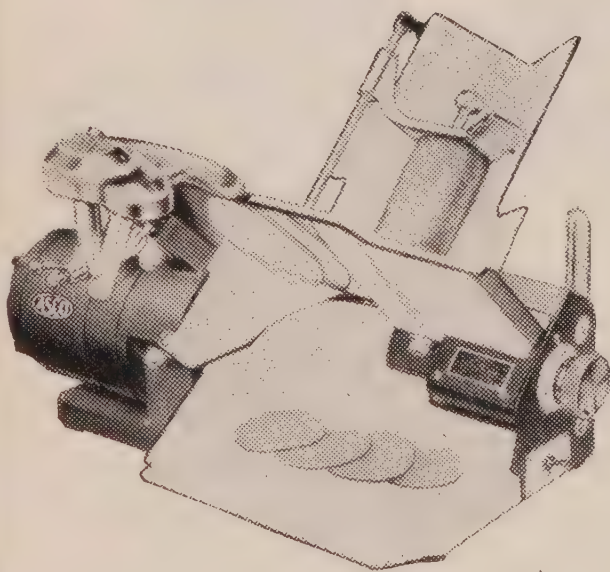
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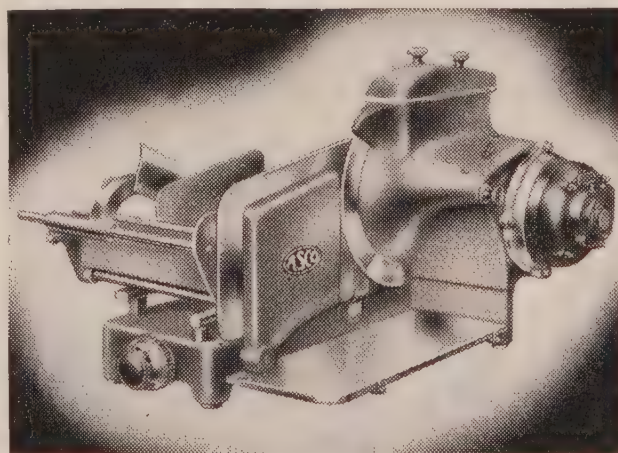


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BELFAST : Pesticidal Services (Ireland) Ltd., 153 Upper North Street.
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Group 23 (Continued)

William Edmonds & Co., Ltd., Regent House, Fitzroy Square, London, W.1 ..	B C D
Evans Medical Supplies, Ltd., Speke, Liverpool 19	D
Samuel Gratrix, Ltd., Quay Street, Manchester 3	B
Haller Laboratories, Ltd., 325, Borough High Street, London, S.E.1	B C D
T. Harley, Ltd., 55, South Methven Street, Perth, Scotland	B C
Douglas Hext & Co., 442-3, Strand, London, W.C.2	A E
A. Ibbetson & Co., Ibco Works, Great North Road, Stevenage, Herts. ..	B
Jeyes Laboratories, Ltd., Millbrook, Chigwell, Essex	B
Jeyes' Sanitary Compounds Co., Ltd., Millbrook, Manor Road, Chigwell, Essex	B
Kay Bros., Ltd., Kayborough Works, Hurst Street, Reddish, Stockport ..	A B C
Killgerm Co., Ltd., Cleckheaton, Yorks.	A B
Newton Chambers & Co., Ltd., Thorncliffe, Nr. Sheffield	A
O'Cedar, Ltd., Trading Estate, Slough, Bucks.	B
John Paterson & Co., Ltd., Clensel Works, 28/13, Orr Street, Glasgow, S.E ..	B
Pesticidal Services (Ireland), Ltd., Belfast	C D
Pesticidal Services (Scotland), Ltd., Edinburgh	C D
B. L. & N. Philips, Ltd., 124, Southwark Street, London, S.E.1	C D
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	B
Rentokil (Sales) Ltd., 12, Stockwell Road, London, S.W.9	B D
Shell Chemicals, Ltd. (Distributors), 112, Strand, London, W.C.2	B
Southon Laboratories, Ltd., 84/88, Upper Richmond Rd., Putney, London, S.W.15	
Sparklets, Ltd., Upper Edmonton, London, N.18	E
Strawson Chemical Co., Rydal Road, London, S.W.16	B
Synthite, Ltd., West Bromwich, Staffs.	
W. & F. Walker, Ltd., Kirby Trading Estate, Nr. Liverpool	B

GROUP No. 24 —FURNISHING FITTINGS

- A. Bolts

B. Buffers

C. Castors

D. Cubicle and Curtain Rails and Tracks

E. Door Closers

F. Locks and Door Furniture

G. Sash Cords and Chains

H. Stainless Dresser Tops
- I. Stainless Steel Fittings

J. Table Tops (Enamelled)

K. Tyres (Trolley, Theatre, Table, etc.)

L. Wheels

M. Stair Rods.

N. Table and Furniture Tops (Plastic)

O. Overbed Tables

Alfa-Laval Co., Ltd., Gt. West Road, Brentford, Middlesex	Key
Andrew Bros. (Bristol), Ltd., Stainless House, Weston-super-Mare	I
Angel Truck Co., Ltd., 215/219, Albion Road, Stoke Newington, London, N.16	H I
Art Metal Construction Co., 201, Buckingham Palace Road, London, S.W.1 ..	C K L
Associated Metal Works (Glasgow) Ltd., 30, St. Andrews Square, Glasgow, C.1 ..	D
Autoset (Production) Ltd., Stour Street, Birmingham 18	H
J. Avery & Co., 81, Gt. Portland Street, London, W.1	C
G. F. E. Bartlett & Son (Metal Workers), Ltd., 30/34, Bell Street, London, N.W.1	D
John Bentley & Co., Ltd., 270/271, Broad Street, Birmingham 1	I
Britannia Rubber & Kamptulicon Co., Ltd., Bridgewater Road, Alperton, Wembley, Middlesex	C
Charles Bryant & Sons, Ltd., Bryant Street, Birmingham 18	N
Caxton Name Plate Manufacturing Co., Ltd., 66/8, Bellevue Road, W. Ealing, London, W.13	O
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester 4	N
Compressed Rubber Products, Ltd., Bell Works, Harefield, Middlesex	N
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	C K L
Everlast Cord Co., Clifton Street, Manchester 10	D H I J K N
505 Manufacturing Co., Ltd., St. Pauls Square, Birmingham 3	G
Flexello Castors and Wheels, Ltd., Ipswich Road, Slough, Bucks.	D M
Flexo Plywood Industries, Ltd., Flexo Works, S. Chingford, London, E.4 ..	C
Samuel Fox & Co., Ltd., Stocksbridge, Sheffield	H
Furdecor, Ltd., 17, Mortimer Street, London, W.1	I
James Gibbons, Ltd., St. Johns Works, Wolverhampton	C D N
Globe Wheel Co., Ltd., Whitehall Road, Great Bridge, Staffs.	A E F
Samuel Gratrix, Ltd., Quay Street, Manchester 3	L
Grosvenor Castor Manufacturing Co., Ltd., 60, Beales Street, Birmingham 6 ..	A C D E F G I J K L
Hampton & Sons Ltd., Pall Mall East, London, S.W.1	C L
Homa Engineering Co., Homa Works, Cosby, Leicester	C D M
Hughes, G. H., Ltd., Edgmond Avenue, Tyburn, Birmingham, 24	C K L
John Hull & Sons, Ltd., 12, Kinghorn Street and 1/6, Newbury Street, Bartholomew Close, London, E.C.1	C K L
Hunter & Hyland, Ltd., Huntland Works, Ingrave Street, London, S.W.11 ..	O
Institution Supplies, Ltd., 46, Park Place, Leeds 1	D
London Metal Warehouses, Ltd., 15/17, Edgware Road, London, W.2	C K O
	H I

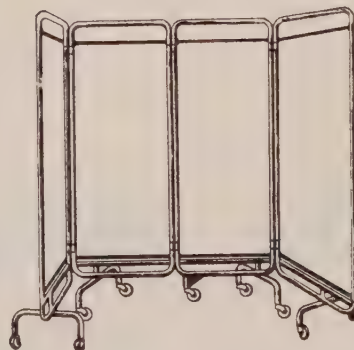
Group 24 (Continued)

Maple & Co., Tottenham Court Road, London, W.1	A B C D E F G H I J K L M N O
David Moseley & Sons, Ltd., Chapelfield Works, Ardwick, Manchester 12	B
Nettlefold & Sons, Ltd., 163, Euston Road, London, N.W.1	E F
Neeta, Ltd., Station Works, Abbotsford Avenue, West Green Road, S. Tottenham, London, N.15	N
North British Rubber Co., Ltd., Castle Mills, Edinburgh 3	B
Osborne, Garrett & Co., Ltd., 51/54, Frith Street, London, W.1	D
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	D I N
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham 1	D E F
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	A C D E F G I J K L
Redfern's Rubber Works, Ltd., Dawson Street, Hyde, Cheshire	B
Revvo Castor Co., Ltd., Evelyn House, 101, Finsbury Pavement, London, E.C.2	C
Rhodes Chairs, Ltd., Beacon House, 113, Kingsway, London, W.C.2	G
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	A C D E F G
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	C J K
Siddall & Hilton, Ltd., Sowerby Bridge, Yorkshire	O
Smith, Major & Stevens, Ltd., Abbey Works, Northampton	E
Stainless Steel Sink Co., Ltd., Ring Road, Lower Wortley, Leeds 12	H
H. H. Stark, Ltd., 193, Whitechapel Road, London, E.1	C L
John Steel, Castlefields, Bingley, Yorks.	J N
D. Stewart & Co., 2, Little Love Lane, Wood Street, London, E.C.2	C D
Superbuilt Products, Ltd., Bell Works, Harefield, Middlesex	C K L
John & Joseph Taunton, Ltd., Sherbourne Road, Birmingham 12	B C N
Taw Manufacturing Co., Ltd., Campsbourne Works, High Street, Hornsey, London, N.8	I
Herbert Terry & Sons, Ltd., Redditch, Worcs.	E
Tyne Truck & Trolley Co., Ltd., 66/68, Northumberland Street, Newcastle-on-Tyne 1	C L
Vernons Industries, Ltd., Valley Road, Bidston, Birkenhead, Cheshire	H J
Warerite, Ltd., Ware, Herts.	N
Waring & Gillow Ltd., 164/182, Oxford Street, London, W.1	D M
Whitfields Bedsteads, Ltd., 109/125, Watery Lane, Birmingham 9 and 12/16, Dane Street, High Holborn, London, W.C.1	B K L
G. A. Williams & Son, Ltd., 42, Queensway, Bayswater, London, W.2	D
Charles Winn & Co., Ltd., 140, Granville Street, Birmingham 1	I
A. Yeates & Sons, Ltd., 151/153, Denmark Hill, London, S.E.5	I



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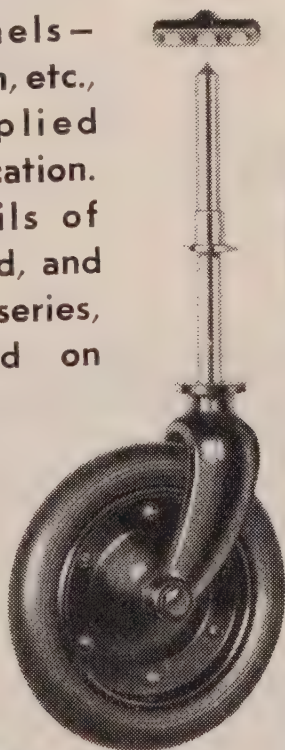
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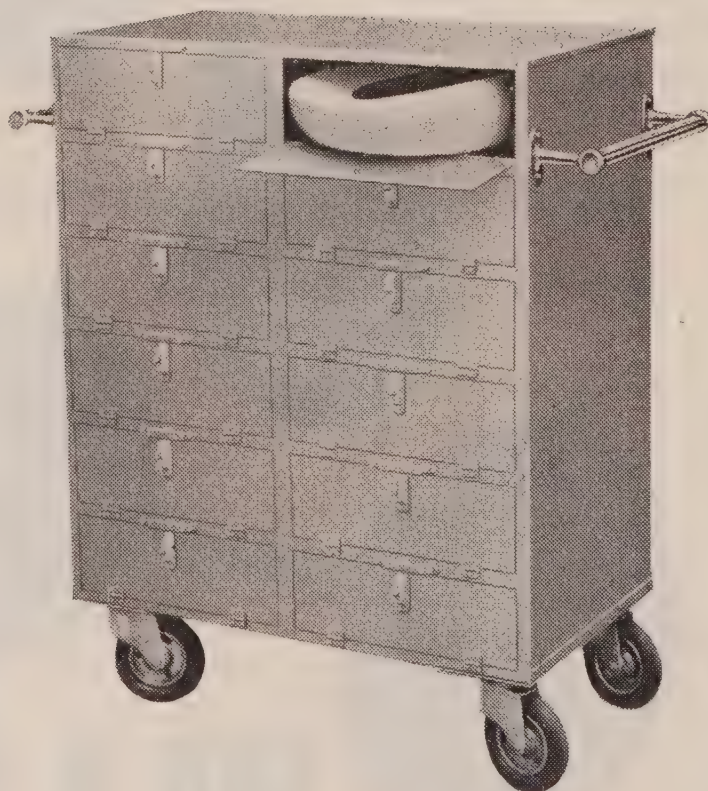
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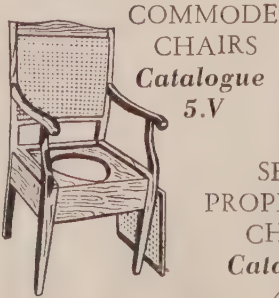
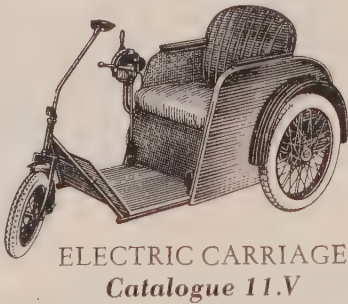
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Allen & Hanburys, Ltd., Bethnal Green, London, E.C.2.	A B C D E
Andrew Bros. (Bristol), Ltd., Stainless House, Weston-super-Mare, Som.	B
Art Metal Construction Co., 201, Buckingham Palace Road, London, S.W.1	.. .. .	B E
Associated Metal Works (Glasgow) Ltd., 30, St. Andrews Square, Glasgow, C.1	.. .. .	B
W. H. Bailey & Son, Ltd., 45, Oxford Street, London, W.1	.. .. .	A B C D E
Baxendale & Co., Ltd., 10/20, Thomas Street, Manchester 4	.. .. .	C D
John Bell & Croyden, 50/52, Wigmore Street, London, W.1	.. .. .	A B C D E
John Bentley & Co., Ltd., 270/1, Broad Street, Birmingham 1	.. .. .	A B C D
Thomas Bradford & Co., Ltd., Crescent Iron Works, Salford 6, Lancs.	.. .. .	D E
A. Browne & Son, Ltd., 36, Bradley Street, London, N.W.8	.. .. .	D
Chas. Bryant & Sons, Ltd., Bryant Street, Birmingham 18	.. .. .	D E
J. Bury & Co., "Storrington," Woodside Road, Purley, Surrey	.. .. .	A B C D E
Carters (J. & A.), Ltd., 125/129, Great Portland Street, London, W.1	.. .. .	A B C
Chatwood Safe & Engineering Co., Ltd., 3, Laurence Pountney Hill, London, E.C.4	.. .. .	D
Constructors, Ltd., Tyburn Road, Erdington, Birmingham 24	.. .. .	D
Co-operative Wholesale Society Ltd., Contracts Dept., 1, Balloon Street, Manchester 4	.. .. .	D
Coxson, Gerrard & Co., Ltd., Oldbury, Birmingham	.. .. .	E
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	.. .. .	A B C D
Down Bros, Mayer & Phelps, Ltd., 32/34, New Cavendish Street, London, W.1	.. .. .	B C D E
Druce & Co., Ltd., 56, Baker Street, London, W.1	.. .. .	A B C D E
Dryad Limited, St. Nicholas Street, Leicester (Cane only)	.. .. .	C
Edwards Surgical Supplies, 66, Mortimer Street, London, W.1	.. .. .	B C D E
Evered & Co., Ltd., Surrey Works, Smethwick, Staffs.	.. .. .	B E
505, Manufacturing Co., Ltd., St. Paul's Square, Birmingham 3	.. .. .	E
Furdecor, Ltd., 17, Mortimer Street, London, W.1	B D E
Samuel Gratrix, Ltd., Quay Street, Manchester 3	A B D E
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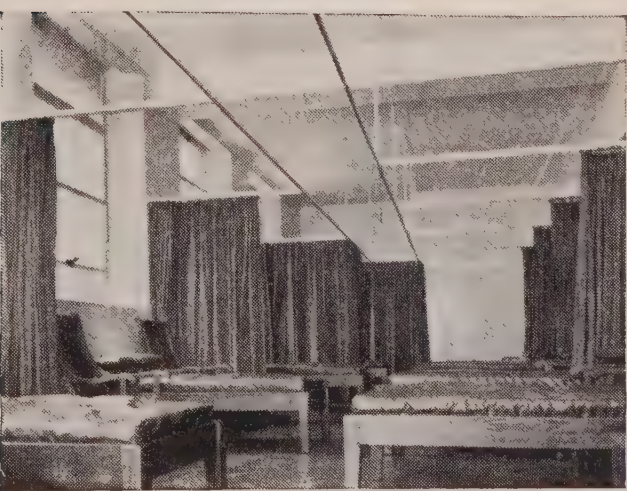
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Group 25 (Continued)

Geo. M. Hammer & Co., Ltd., Crown Works, Hermitage Road, Harringay, London, N.4	B
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1	B D E
R. A. Harding (Bath) Ltd., 19, Lower Bristol Road, Bath	C
A. L. Hawkins & Co., Ltd., 15, New Cavendish Street, London, W.1	B C D E
Heal's Contracts Ltd., 196/199, Tottenham Court Road, London, W.1	B D E
Holborn Surgical Instrument Co., Ltd., 15, Charterhouse Street, Holborn Circus, London, E.C.1	B C D E
Institution Supplies, Ltd., 46, Park Place, Leeds 1	A B C D E
Jelk & Sons Ltd., 263/275, Holloway Road, London, N.7	B D
Lightfoot Refrigerator Co., Ltd., Abbeydale Road, North Circular Road, Wembley, Middlesex	B
Macarthy's, Ltd., 28, Market Place, Romford, Essex	B
S. Maw, Son & Sons, Ltd., Aldersgate House, Cromer Road, Barnet, Herts.	AC
Mealing Bros., Ltd., Avenue Chair Works, West End Road, High Wycombe Bucks	B
Medical Supply Association Ltd., 167, Grays Inn Road, London, W.C.1	A B C D E
Mercer & Padbury, Ltd., Woodlands Mill, Slap Road, Stroud, Glos.	B D E
Neeta, Ltd., Station Works, Abbotsford Avenue, West Green Road, S. Tottenham, London, N.15	B
J. Nesbit-Evans Co., Ltd., Wednesbury, Staffs.	D E
Papworth Industries, Papworth Everard, Cambridge	B D
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham 1	C D E
Pel, Ltd., Oldbury, Birmingham (Tubular Steel)	B
Pelco Easyfold Ltd., Whitehall Road, Great Bridge, Staffs.	C
Peyton, Hoyland & Barber, Ltd., 71/83, High Street, Bordesley, Birmingham, 12	A B D E
Albert Phillips, Ltd., Excelsior Works, Eyre Street, Birmingham, 18	B D
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	A B D E
Richards, Son & Allwin, Ltd., Ltd., Great Bridge, Tipton, Staffs.	C
Roneo Ltd., 17, Southampton Row, London, W.C.1	D
Rosebery Metal Works Co., 149/153, Rosebery Avenue, London, E.C.1	B
W. S. Rothband & Co., Bent Street, Manchester 8	B
Sadgrove & Co., Ltd., 194/196, Old Street, London, E.C.1	B
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	B E
Siddall & Hilton Ltd., Sowerby Bridge, Yorks.	D E
Silverdale Manufacturing Co., Excel House, Whitcomb Street, London, W.C.2	B C D E
Stainless Steel Sink Co., Ltd., Ring Road, Lower Wortley, Leeds, 12	B
D. Stewart & Co., 2, Little Love Lane, Wood Street, London, E.C.2	A B D E
Sumerling & Co., Ltd., 40/42, Newman Street, London, W.1	B D E
John & Joseph Taunton, Ltd., Sherborne Road, Birmingham 12	A B D E
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Fredk. Thomas & Co., Ltd., Everton Buildings, Stanhope Street, London, N.W.1	B
Vernons Industries, Ltd., Valley Road, Bidston, Birkenhead, Cheshire	D
Waring & Gillow Ltd., 164/182, Oxford Street, London, W.1	B
William Whiteley, Ltd., Queensway, London, W.2	B
Whitfields Bedsteads, Ltd., 109/125, Watery Lane, Birmingham 9 and 12/16, Dane Street, High Holborn, London, W.C.1	A B D E
Willen Bros., Ltd., 44, New Cavendish Street, London, W.1 and 9, Eastgate, Exeter, Devon	A B C D E
Wood (Granville) & Co., Ltd., Ascroft Street, Oldham, Lancs.	B



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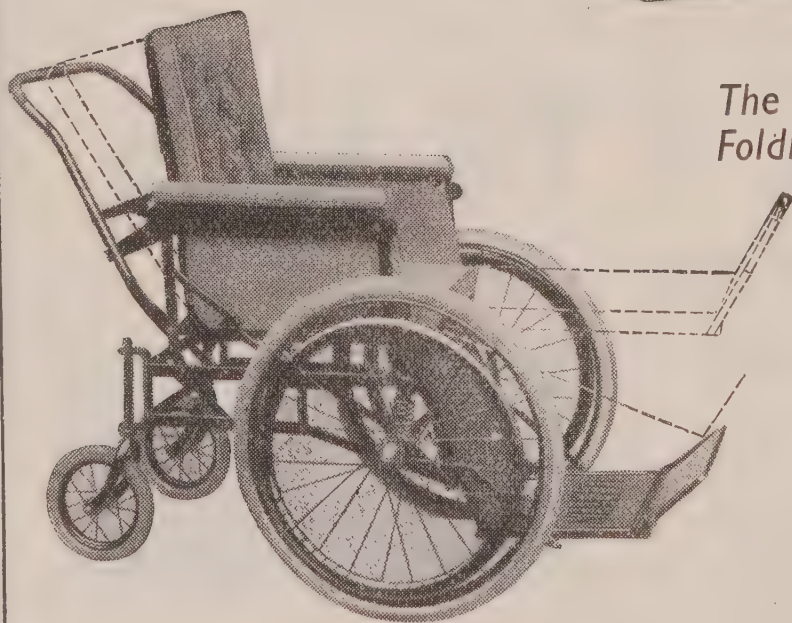
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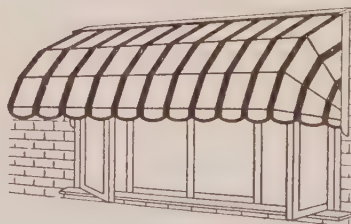
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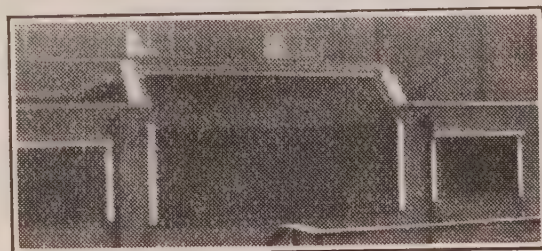
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Andrew Bros. (Bristol) Ltd., Stainless House, Weston-super-Mare, Som.	K
Angel Truck Co., Ltd., 215/219, Albion Road, Stoke Newington, London, N.16	L
Art Metal Construction Co., 201, Buckingham Palace Road, London, S.W.1	K
J. Avery & Co., 81, Gt. Portland Street, London, W.1	A F K
George Baker, Ltd., Cecil Street Wire Works, Birmingham, 19	I
G. F. E. Bartlett & Son (Metal Workers) Ltd., 30, Bell Street, London, N.W.1	L
B.C.R. Industrial Equipment Co., 50, Teignmouth Road, Torquay, Devon	L
John Bentley & Co., Ltd., 270/1, Broad Street, Birmingham, 1	B E H K M
Blick Time Recorder, Ltd., 188/190, Gray's Inn Road, London, W.C.1	E
H. Booth & Son Ltd., 23, Byran Street, Huddersfield, Yorks	G
J. H. Bounds, Stethos House, 68, Sackville Street, Manchester, 1	F G
Thomas Bradford & Co. Ltd., Crescent Iron Works, Salford, 6, Lancs.	B L
Bratt Colbran, Ltd., 10, Mortimer Street, London, W.1	I
Britannia Rubber & Kamptulicon Co., Ltd., Bridgewater Road, Alperton Wembley, Middx.	G
British Vacuum Cleaner & Engineering Co., Ltd., Goblin Works, Leatherhead, Surrey	E
A. Browne & Son, Ltd., (Sheet Metal Manufacturers), 36, Broadley Street, Edgware Road, London, N.W.8	L
John Bryden & Sons, 10, Greenside Place, Edinburgh	A
J. Bury & Co., "Storrington," Woodside Road, Purley, Surrey	H K M
Chappell's Piano Co., Ltd., 50, New Bond Street, London, W.1	J
Chatsworth Press Ltd., 39, Waterloo Road, Cricklewood, London, N.W.2	B
Chloride Electrical Storage Co., Ltd., 77, King Street, Manchester, 2	L
Constructors, Ltd., Tyburn Road, Erdington, Birmingham, 24	K
Co-operative Wholesale Society Ltd., Contracts Dept., 1, Balloon Street, Manchester, 4	B H K L M N
Crompton Manufacturing Co., Ltd., Melbourne Works, Firth Street, Huddersfield, Yorks	F G
Crompton Parkinson, Ltd., Astor House, Aldwych, London, W.C.2	L
Cuxson, Gerrard & Co., Lldbury, Birmingham	H
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	B D K L M
Derwen Cripples' Workshops, Oswestry, Salop	B
Drew, Clark & Co., Ltd., Lea Bridge Road, Leyton, London, E.10	L
Druce & Co., Ltd., 56, Baker Street, London, W.1	A B C D E F G H K M N
Dryad, Ltd., St. Nicholas Street, Leicester	H
Dunlop Rubber Co., Ltd., (Dunlopillo Division), 176, Rice Lane, Walton, Liverpool, 9	N
Evertaut Ltd., Walsall Road, Perry Bar, Birmingham, 22b	B K
Firth Vickers Stainless Steel Ltd., Sheffield	L
Furdecor, Ltd., 17, Mortimer Street, London, W.1	A F G H N
General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2	E
Gent & Co., Ltd., Faraday Works, Leicester	E
Gillett & Johnston, Ltd., 43, Whitehorse Road, Croydon, Surrey	E
Samuel Gratrix, Ltd., Quay Street, Manchester, 3	B C D E F H L M
C. Hainsworth, The Elms, Rusper, Horsham, Sussex	B F G
Geo. M. Hammer & Co., Ltd., Crown Works, Hermitage Road, Harringay, London, N.4	B C H
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1	A B C D E F G H I J K L M N
T. M. C. Harwell (Sales), Ltd., 37, Upper Berkeley Street, London, W.1	E
Hawkes & Snow, Ltd., Sarehole Road, Hall Green, Birmingham	A
John Hull & Sons Ltd., 12, Kinghorn Street & 1/6, Newbury Street, Bartholomew Close, London, E.C.1	A F
Hill's Patent Glazing Co., Ltd., Albion Road, West Bromwich, Staffs.	A
H. & R. Furnishings, 15, Milborne Street, Hackney, London, E.9	B H
Heal's Contracts Ltd., 196/199, Tottenham Court Road, London, W.1	B C F G H I K L M
Hotel Textiles, 64, Princes Street, Edinburgh, 6	R
Institution Supplies, Ltd., 46, Park Place, Leeds, 1	B H K L M

Group 26 (Continued)

	Key
International Time Recording Co., Ltd., International Works, Beavor Lane Hammersmith, London, W.6	E
Jelks & Sons Ltd., 263/275, Holloway Road, London, N.7	B D F H J M N
Kalee, Ltd., 60/66, Wardour Street, London, W.1	H N
T. Kitchen Equipment Co., 61, Brewer Street, London, W.1	H
Latex Upholstery Ltd., 41, Lonsdale Road, London, W.11	N
R. A. Lister & Co., Ltd., Auto Truck Sales, Dursley, Gloucester	L
Magneta Tube Co., Ltd., Goblin Works, Leatherhead, Surrey	E
Manor Electric Co., 53, Victoria Street, London, S.W.1	L
K. Marock & Co., Ltd., 15/19, Arcola Street, Stoke Newington Road, London, E.8	E G N
S. Maw, Son & Sons, Ltd., Aldersgate House, Cromer Road, New Barnet, Herts.	B
Mealing Bros., Ltd., Avenue Chair Works, West End Road, High Wycombe, Bucks.	BC
Mercer & Padbury, Ltd., Woodlands Mill, Slap Road, Stroud, Glos.	B H M
Mid Gloucester Supplies Ltd., 45, Rodney Road, Cheltenham, Glos., 43/47, Newfoundland Street, Bristol, 2	B H
R. D. Milles, Ltd., 10/12, Brasenose Road, Bootle, Liverpool, 20	L
Milner's Safe Co., Ltd., 58, Holborn Viaduct, London E.C.1	K
Moore's Modern Methods Ltd., 19/21, Farringdon Street, London, E.C.4	K
Nesta Ltd., Station Works, Abbotsfield Avenue, West Green Road, S. Totten- ham, London, N.15	B
Nesbit-Evans, J., & Co., Ltd., Wednesbury, Staffs.	L
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	B L M
Papworth Industries, Papworth Everard, Cambridge	H N
Parker, Winder & Achurch, 991, Broad Street, Birmingham, 1	D L
Pearl Manufacturing Co. (London) Ltd., Pearlmac House, 2, Mount Pleasant, London, W.C.1	K N
Pel, Ltd., Oldbury, Birmingham	B M
Peyton, Hoyland & Barber, Ltd., 71/83, High Street, Bordesley, Birmingham, 12	H L
Albert Phillips, Ltd., Excelsior Works, Eyre Street, Birmingham, 18	L
W. Howard Price Ltd., Lower Coombe Street, Croydon, Surrey	N
Price Bros. & Co., Ltd., Staplegrove Mills, Wellington, Som.	N
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	B D H I K L M
Rest Assured Bedding Co., Harleston Road, Northampton	H N
Roneo Ltd., 17, Southampton Row, London, W.C.1	K
Rowe Bros. & Co. Ltd., Pall Mall, Liverpool	K L M
Rogers, Victor, E. & Son, Ltd., 53, Queen Square, Bristol 1	A F G N
Sebel Products Ltd., 19/41, New Oxford Street, London, W.C.1	B K
Sankey-Sheldon, Ltd., 46, Cannon Street, London, E.C.4	K
Scholl Manufacturing Co., Ltd., 182/204, St. John Street, London, E.C.1	K M
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	B H K L M
James Sieber Equipment Co., Ltd., Africa House, Kingsway, London, W.C.2 ..	D
Silverdale Manufacturing Co., Excel House, Whitcomb Street, London, W.C.2	L M
S. Simons & Sons, Ltd., 2/4, Ramsey Street, Bethnal Green, London, E.2	H
Smith's English Clocks Ltd., Sectric House, Waterloo Road, Cricklewood, London, N.W.2	E
Snape & Son, Manchester Road, Swinton, Manchester	F G
H. H. Stark, Ltd., 193, Whitechapel Road, London, E.1	L
D. Stewart & Co., 2, Little Love Lane, Wood Street, London, E.C.2	F G
W. B. Stubbs & Son, Progress Works, Hawksworth, Notts.	L
Superbuilt Products, Ltd., Bell Works, Harefield, Middlesex	L
Surgical Engineering Co., Ltd., Works Road, Letchworth, Herts.	H L
John & Joseph Taunton, Ltd., Sherborne Road, Birmingham, 12	H K L M
T. M. C. Harwell (Sales), Ltd., Britannia House, 233, Shaftesbury Avenue, London, W.C.2	E
Taylor Rustless Fittings Co., Ltd., Ring Road, Lower Wortley, Leeds 12	D
Tyne Truck & Trolley Co., Ltd., 66/68, Northumberland Street, Newcastle-on- Tyne 1	L
Vernons Industries Ltd., Valley Road, Bidston, Birkenhead, Cheshire	B K
Waring & Gillow, Ltd., 164/182, Oxford Street, London, W.1	B F G H

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Fredk. Watson & Co., Ltd., Everton Buildings, Stanhope Street, London, N.W.1	Key
Westhill Furnishings (Halifax) Ltd., Croft Mills, Gaol Lane, Halifax, Yorks.	L
Wm. Whiteley, Ltd., Queensway, London, W.2	H
Willen Bros., Ltd., 44, New Cavendish Street, London, W.1, and 9, Eastgate, Exeter, Devon	B E F G H J N
G. A. Williams & Son Ltd., 42, Queensway, Bayswater, London, W.2	H K L M
Wingrove & Rogers, Ltd., Broadway Court, Broadway, London, S.W.1	A F
Wood (Granville) & Co., Ltd., Ascroft Street, Oldham, Lancs.	L
	K

GROUP No. 27 -GARDENS AND GROUNDS

- | | |
|-----------------------------|----------------------------|
| A. Cycle Parks | I. Spraying Machines |
| B. Drives and Paths | J. Squash Courts |
| C. Garden Craftsmen | K. Swimming Pools |
| D. Garden Furniture | L. Tennis Courts |
| E. Gates | M. Fencing |
| F. Lawn Mowers | N. Barrows (Wood and Iron) |
| G. Pavings | O. Garden Hose |
| H. Seed Merchants & Growers | |

Avery & Co., 81, Great Portland Street, London, W.1	Key
Bayliss, Jones & Bayliss, Ltd., Wolverhampton	D
Beehive Rubber Co., Ltd., 24, St. Mary Axe, London, E.C.3	E
John Bentley & Co., Ltd., 270/271, Broad Street, Birmingham 1	O
Colas Products, Ltd., 418/422, Strand, London, W.C.2	D
Constructors, Ltd., Tyburn Road, Erdington, Birmingham, 24	B G
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester, 4	A
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	H
Druce & Co., Ltd., 56, Baker Street, London, W.1	D
Dryad, Ltd., St. Nicholas Street, Leicester	D F
En-Tout-Cas Co., Ltd., Syston, Leicester	D
Four Oaks Spraymachine Co., Belsan Works, Four Oaks, nr. Birmingham	J K L
W. H. Gaze & Sons, Ltd., 19/23, High Street, Kingston-on-Thames, Surrey	I
Grassphalte Ltd., 3, Buckingham Place, London, S.W.1	C L
Samuel Gratrix Ltd., Quay Street, Manchester, 3	B G J K L N
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1	D E F I
Heal's Contracts Ltd., 196/199, Tottenham Court Road, London, W.1	D
Hill's Patent Glazing Co., Ltd., Albion Road, West Bromwich, Staffs.	E M
Maple & Co. Ltd., Tottenham Court Road, London, W.1	D I M N O
F. A. Norris & Co. Ltd., Burley House, 11/12, Theobalds Road, London, W.C.1	E
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	D
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham	A
Pulsometer Engineering Co., Ltd., Nine Elms Iron Works, Reading, Berks.	K
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	F I M
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	E F I
Ryder & Son (1920), Ltd., 27, Holywell Hill, St. Albans, Herts...	H
Alexander Shanks & Son, Ltd., Dens Iron Works, Arbroath	F
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	D
Spencer, Heath & George, Ltd., Garfield Road, Enfield, Middx.	D K L
Tyne Truck & Trolley Co., Ltd., 66/68, Northumberland Street, Newcastle-on-Tyne 1	N
W. J. Unwin, Ltd., Seedsmen Histon, Cambridge	H
United Sterilizing Corporation, Ltd., 11, Oxford Circus Avenue, London, W.1	I
Chas. Winn & Co., Ltd., Granville Street, Birmingham	K

GROUP No. 28 -GROCERIES, CONFECTIONERY, ETC,

- | | |
|-----------------------------------|---|
| A. Bacon | K. Flour |
| B. Baking Powder | L. Hams |
| C. Biscuits, including Rusks | M. Ice Cream |
| D. Butter and Margarine | N. Margarine and Cooking Fats |
| E. Cakes and Puddings | O. Milk Foods, etc. |
| F. Cereals | P. Preservative (Eggs) |
| G. Cheese | Q. Provisions and Grocery |
| H. Cooked Meats | R. Sauces, Vinegar, Pickles, Condiments, etc. |
| I. Confectionery, Chocolate, etc. | S. Sausages and Meat Pies |
| J. Custard Powders and Cornflour | |

Allen & Hanburys, Ltd., Bethnal Green, London, E.2	Key
Bedwell, Arthur, & Co., Ltd., 438/442, Barking Road, Plaistow, London, E.13	O
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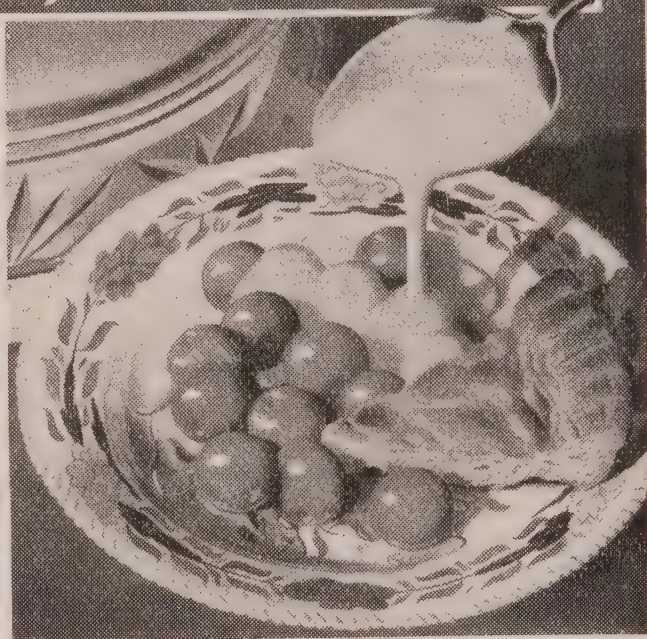
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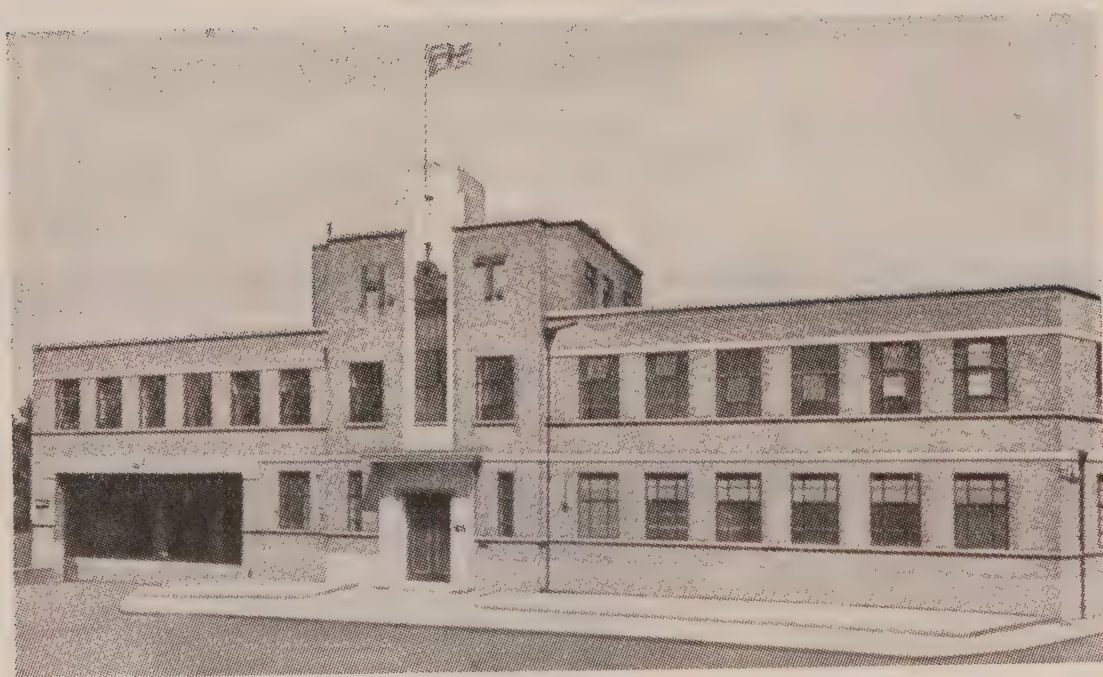
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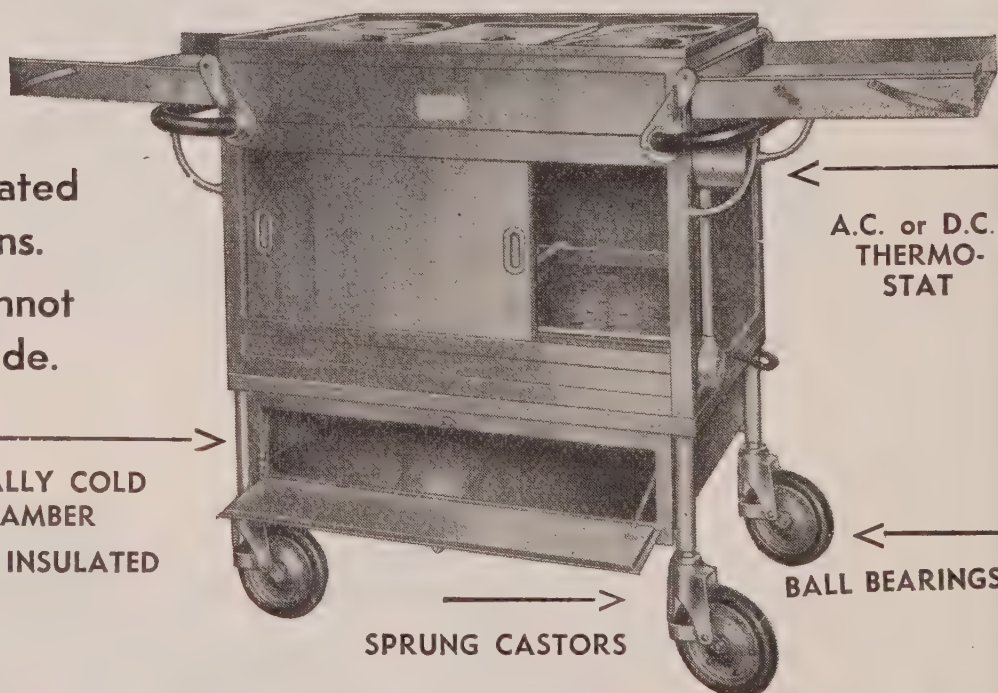
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Group 28 (Continued)

Key

I. Beer & Sons, Ltd., Hosier Lane, West Smithfield, London, E.C.1 ..	ADFGHLNQ
Borden Sales Co., Ltd., "Charter House," 58/62, High Street, Epsom, Surrey ..	O
Geo. Borwick & Sons, Ltd., 40, Welbeck Street, London, W.1 ..	BGJ
Brand & Co., Ltd., 72/84, South Lambeth Road, Vauxhall, London, S.W.8 ..	ER
Brown & Polson, Ltd., Wellington House, 125/130, Strand, London, W.C.2 ..	J
Blue Arrow Products, Ltd., 295, Commercial East, Mitcham ..	BEQ
Cadbury Bros., Ltd., Bourneville, Birmingham ..	IO
Cerebos, Ltd., Victoria Road, Willesden Junction, London, N.W.10 ..	R
Chivers & Sons, Ltd., Histon, Cambridge ..	J
Co-operative Wholesale Society, Ltd., Contracts Dept., Balloon Street, Manchester, 4 ..	BDGIJKNQ
Creamola Food Products, Ltd., 114, Cornwall Street, Glasgow, S.1 ..	EFJ
W. H. Cullen, 20, Clifton Street, London, E.C.2 ..	
A B C D E F G H I J K L M N O P Q R S	
Energen Foods Co., Ltd., Bridge Road, Willesden, London, N.W.10 ..	K
Foster Clark Co., Maidstone, Kent ..	JQ
John S. Fitter & Sons, Ltd., 8/9, Leadenhall Market, London, E.C.3 ..	H
J. S. Fry & Sons, Ltd., Somerdale, Bristol ..	I
Fullwood (R. J.) & Bland, Ltd. (Sole Distributors: G. Havinden, Ltd., 71, Baker Street, London, W.1 ..	O
John Gardner (London) Ltd., Adelaide House, London Bridge, London, E.C.4 ..	
A B C D E F G H I J K L M N O P Q R S	
Gold Cup Products Co., Ltd., 17, Shaftesbury Avenue, London, W.1 ..	N
Green, H. J., & Co., Ltd., Aldrington Works, Hove, Sussex ..	BEJM
Hansen Laboratories, Ltd., Ronson House, 352, Strand, London, W.C.2 ..	O
Harvey Bradfield & Toyer, Ltd., Coombe Road, Neasden, London, N.W.10 ..	Q
Hayward Bros., Ltd., Montford Place, Kennington Lane, London, S.E.11 ..	R
Holbrooks, Ltd., Ashted Row, Birmingham, 7 ..	R
Horlicks, Ltd., Slough, Bucks. ..	O
John A. Hunter & Co., Ltd., Broad Green, Liverpool, 14 ..	AHLQS
Huntley & Co., Ceylon House, 49/51, Eastcheap, London, E.C.3 ..	Q
Huntley & Palmers, Ltd., Reading, Berks. ..	CE
Kellogg Co., of Gt. Britain, Ltd., Park Road, Stretford, Manchester ..	F
Fredk. King & Co., Ltd. (Edwards' Dessicated Soups), Eddes House, Eastern Avenue West, Romford, Essex ..	Q
Sister Laura's Infant & Invalid Food, Co., Ltd., Springfield Works, Bishopbriggs, Glasgow ..	O
Libby, McNeill & Libby, Ltd., 15/16, Lime Street, London, E.C.3 ..	O
Joseph Lingford & Son, Ltd., The Model Factory, Bishop Auckland, Co. Durham ..	BEJQ
J. Lyons & Co., Ltd., Cadby Hall, London, W.14 ..	CEIQ
Maconochie Bros., Maconochie's Wharf, Millwall, London, E.14 ..	Q
Maycock, T. O., Ltd., 48, St. John Street, Smithfield, London, E.C.1 ..	ADGNQ
Maypole Margarine Works, Ltd., Southall, Middlesex ..	N
McDougalls, Ltd., Wheatsheaf Mills, Millwall Docks, London, E.14 ..	K
McVitie & Price, Ltd., Harlesden, London, N.W.10 ..	C
Neave's Food, Ltd., Fordingbridge, Hants. ..	O
Ocean Preserving Co., Ltd., Epicure Works, Alfred's Way, Barking, London, E. ..	R
Peek Frean & Co., Ltd., Keetons Road, London, S.E.16 ..	CF
Pearce, Duff & Co., Ltd., Spa Road, London, S.E.10 ..	J
J. F. Percival, Ltd., Valentine Place, London, S.E.1 ..	Q
Quaker Oats, Ltd., Southall, Middlesex ..	F
Rowntree & Co., Ltd., York ..	I
"Seraflo" Ltd., The Selfraising Flour Mills, Dartford, Kent ..	K
The Shredded Wheat Co., Ltd., Welwyn Garden City, Herts. ..	F
Sozol (1924) Ltd., 2, Copthall Buildings, Copthall Avenue, London, E.C.2 ..	P
W. Symington & Co., Ltd., Bowden Steam Mills, Market Harborough, Leics. ..	J
Three Cooks Ltd., 26, Kings Road, Reading, Berks. ..	EJKN
Towers Creameries, Ltd., 2/10, Commonsides East, Mitcham, Surrey ..	N
Van den Berghs and Jurgens, Ltd. (Institution Dept.), Unilever House, Blackfriars, London, E.C.4 ..	N
Waitrose, Ltd., 21/23, Gloucester Road, London, S.W.7 ..	AQ
T. Wall & Sons, Ltd. (Institution Dept.), Unilever House, Blackfriars, London, E.C.4 ..	MS
A. Wander Ltd., 42, Upper Grosvenor Street, Grosvenor Square, London, W.1 ..	CIO
Weetabix, Ltd., Burton Latimer, Northants. ..	F
Wilts United Dairies, Ltd., Trowbridge, Wilts. ..	O

GROUP No. 29 - HARDWARE, GENERAL

- | | |
|-------------------------------------|----------------------|
| A. Chimney Sweeping Rods | I. Sewing Machines |
| B. Extension Ladders and Steps | J. Storage Bins |
| C. Fabric Preservatives | K. Trays |
| D. Grease Guns | L. Weighing Machines |
| E. Ladders and Steps | M. Winches (Hand) |
| F. Scales | N. Wood Preservative |
| G. Scale Covers for Babies' Clinics | O. Dustbins |
| H. Scissors | P. Buckets |

Key

Alfis Fabrications Ltd., Hermitage Road, Whitwick, Leics.	K
Andrew Bros. (Bristol) Ltd., Stainless House, Weston-super-Mare, Som.	PK
Angel Truck Co., Ltd., 215/219, Albion Road, Stoke Newington, London, N.16	E
Art Metal Construction Co., 201, Buckingham Palace Road, London, S.W.1	J
Asco Ltd., Broadheath, Nr. Manchester	L
W. & T. Avery, Ltd., Soho Foundry, Birmingham 40	FL
G. F. E. Bartlett & Son (Metal Workers), Ltd., 30-34, Bell Street, London, N.W.1	O
Baxendale & Co., Ltd., 10/20, Thomas Street, Manchester 4	A
John Bentley & Co., Ltd., 270/271, Broad Street, Birmingham 1	IK
British Emulsifiers, Ltd., 12, Greek Street, London, W.1	FK
Burge, Warren & Ridgley, Ltd., 45, City Road, London, E.C.1	H
Butler & Crispe, 80/84, Clerkenwell Road, London, E.C.1	FH
Carron Co., Carron, Falkirk, Stirlingshire	J
Cellulose Wadding Supplies, Ltd., Cecil Chambers, Strand, London, W.C.2	G
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester 4	FHJ
Cuprinol Wood & Fabric Preservative, Sole Distrs. for U.K., Jenson & Nicholson Ltd., 36, St. James Street, London, S.W.1	CN
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	FHKL P
Derwen Cripples' Workshops, Oswestry, Salop	A
Drew, Clark & Co., Ltd., Lea Bridge Road, Leyton, London, E.10	E
Druce & Co., Ltd., 56, Baker Street, London, W.1	BFJKO
Evertaut, Ltd., Walsall Road, Perry Bar, Birmingham 22b	J
Falkirk Iron Co., Ltd., Falkirk, Stirlingshire	J
J. Glover & Sons, Ltd., Groton Road, Earlsfield, London, S.W.18	J
J. Gorstige, Ltd., 83, Kirkstall Road, Leeds, 3	BE
Samuel Gratrix, Ltd., Quay Street, Manchester, 3	A FHJKN O
Henry Hartley & Co., Ltd., Shinfield Works, Wood Lane, London, W.12	J
G. A. Harvey & Co. (London), Ltd., Woolwich Road, London, S.E.7	J
Hill's Patent Glazing Co., Ltd., Albion Road, West Bromwich, Staffs.	J
Holborn Surgical Instrument Co., Ltd., 15, Charterhouse Street, Holborn Circus, London, E.C.1	HL
Institution Supplies, Ltd., 46, Park Place, Leeds, 1	E F J K L O P
London Electric Firm, Brighton Road, South Croydon, Surrey	M
R. D. Milles, Ltd., 10/12, Brasenose Road, Bootle, Liverpool 20	E
Milner's Safe Co., Ltd., 58, Holborn Viaduct, London, E.C.1	J
Moore's Modern Methods, Ltd., 19/21, Farringdon Street, London, E.C.4	J
Douglas E. Moore, 10, Vicar Lane, Sheffield 1	H
Newton, Shakespeare & Co., Ltd., Garrison Lane, Birmingham 9	K
F. A. Norris & Co. Ltd., Burley House, 11/12, Theobalds Road, London, W.C.1	E
Nottingham Leather Co., Ltd., Kent Street, Nottingham	H
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	F J K L P O
Parker, Winder & Achurch Ltd., 991, Broad Street, Birmingham	BE O
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	A B D E F H J K L M N O P
Rhodes & Cartwright, Cradley Heath, Staffs.	O
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	A B E J K N
St. Dunstan's, 191, Marylebone Road, London, N.W.1	K
Geo. Salter & Co., Ltd., West Bromwich, Staffs.	L
Joseph Sankey & Sons, Ltd., Bilston, Staffs.	P
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey	F L O
Singer Sewing Machine Co., Singer Building, City Road, London, E.C.1	I
The Spring Rod Co., Ltd., Cherry Tree, near Blackburn, Lancs.	A
Sumerling & Co., Ltd., 40/42, Newman Street, London, W.1	F J K O P
Sungam, Ltd., 35/39, Maddox Street, London, W.1	K

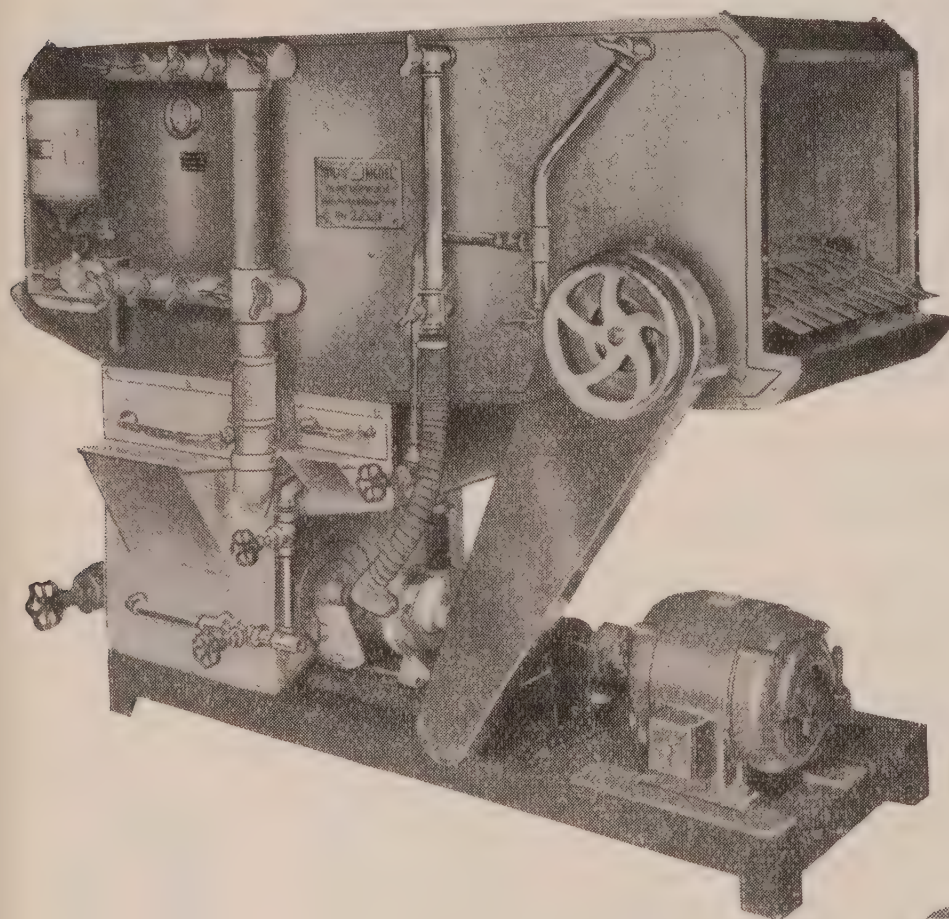
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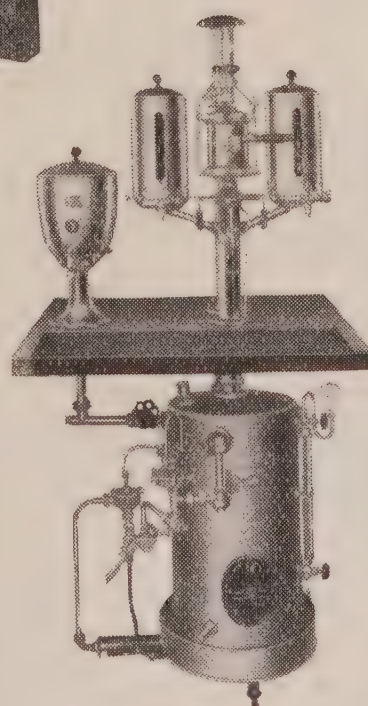
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Group 29 (Continued)

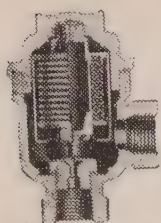
	Key
Taw Manufacturing Co., Ltd., Campsbourne Works, High Street, Hornsey, London, N.8	K P
Vernons Industries Ltd., Valley Road, Bidston, Birkenhead, Cheshire	K
William A. Webb, Ltd., 4/5, Skinner Street, London, E.C.1	F
J. & J. Wiggin, Ltd., Old Hall Works, Bloxwich, Walsall, Staffs.	K
Willen Bros., Ltd., New Cavendish Street, London, W.1 and 9, Eastgate, Exeter, Devon	F H J L P
A. Yeates & Sons, Ltd., 151/153, Denmark Hill, London, S.E.5	K O P

GROUP No. 30 -HEARING AIDS AND TEST EQUIPMENT

A. Hearing Aids (Individual)	D. Audiometers (Group)	
B. " " (Group)	E. Diagnostic Apparatus	
C. Audiometers (individual)		Key
Allen & Hanbury's (Acoustic Aids) Ltd., 48, Wigmore Street, London, W.1		A B C D
Amplivox, Ltd., Amplivox House, 2, Bentinck Street, London, W.1 (also at Glasgow, Manchester, Liverpool, Leeds, Cardiff, Newcastle)		A B C D
Bell, John & Croyden, 50/52, Wigmore Street, London, W.1		A B C D
Field, F. L., 116, Victoria Street, London, S.W.1		A B
Marconi Instruments, Ltd., Longacres, Hatfield Road, St. Albans, Herts.		E
Medresco Hearing Aids (supplied free on prescription through the National Health Service)		A

GROUP No. 31 -HEATING

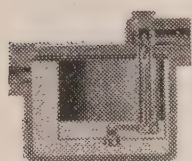
A. Asbestos Packing and Jointing	I. Smokeless Coal	
B. Boilers	J. Stokers (Mechanical)	
C. Fire Bricks and Fire Clay	K. Steam Traps	
D. Gas Fires and Radiators	L. Temperature & Pressure Regulators	
E. Gas Lighters and Gas Pokers	M. Thermostats	
F. Heating Apparatus	N. Water Boilers	
G. Heating Engineers and Equipment	O. Water Heaters	
H. Oil Burner Manufacturers	P. Fuel Economisers	
		Key
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Amhurst Iron Foundry Co., 48, Amhurst Road, Hackney, London, E.8		B
Andrew Machine Construction Co., Ltd., Terminal House, Grosvenor Gardens, London, S.W.1		G
Ascot Gas Water Heaters, Ltd., 43, Park Street, London, W.1		O
Aswell & Nesbitt, Ltd., Barkby Road, Leicester		F G
G. F. E. Bartlett & Son (Metal Workers), Ltd., 30/34, Bell Street, London, N.W.1		B N
B.C.R. Industrial Equipment Co., 50, Teignmouth Road, Torquay, Devon		J
Beeston Boiler Co., Ltd., Beeston, Notts.		B N O
Bells' Asbestos Engineering, Ltd., Bestobell Works, Slough, Bucks.		A G
Benham & Sons, Ltd., 66, Wigmore Street, London, W.1		B F G L M N
Berry's Electric, Ltd., 86, Newman Street, London, W.1		O
C. H. Blackburn & Co., Ltd., 10, Grays Inn Road, London, W.C.1		F O
Bratt Colbran, Ltd., 10, Mortimer Street, London, W.1		D F
British Rototherm Co., Ltd., Station Road, Merton Abbey, London, S.W.19		L M
British Thermostat Co., Ltd., Windmill Road, Sunbury-on-Thames, Middlesex		C K L M P
British Trane Co., Ltd., Vectair House, 52, Clerkenwell Close, London, E.C.1		G
A. Browne & Son Ltd., 36, Broadley Street, London, N.W.8		N
Cambridge Instrument Co., Ltd., 13, Grosvenor Place, London, S.W.1		L
Carron Co., Carron, Falkirk, Stirlingshire		D F O
The Chemical Engineering and Wilton's Patent Furnace Co. Ltd.		J
Clarkhills, Ltd., 19, Old Queen Street, Westminster, London, S.W.1		O
E. K. Cole, Ltd., Ekco Works, Southend-on-Sea, Essex		F
Crane, Ltd., 45, Leman Street, London, E.1		D F
Davidson & Co., Ltd., Sirocco Engineering Works, Belfast, N. Ireland		F G



Thermostatic Steam Traps



Ball Float Steam Traps



Open-top Bucket Steam-Traps



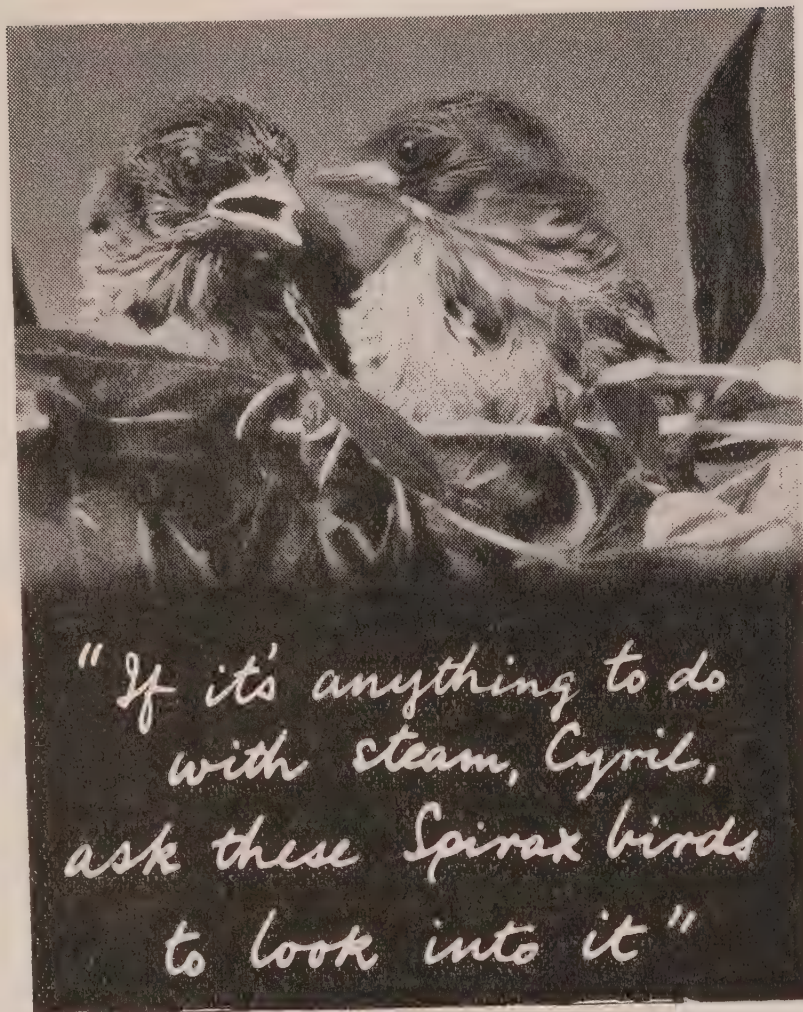
Thermostatic Air Vents



Sight Glasses



Flash Steam Vessels

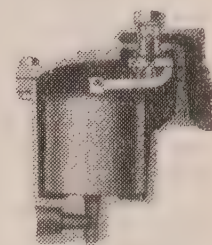


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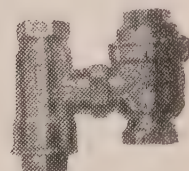
FOR QUICK REFERENCE. So as to keep you up-to-date may we mention that there are illustrated Technical Pamphlets describing the following:—Steam Traps (1) *Balanced Pressure Thermostatic Type*; (2) *Liquid Expansion Thermostatic Type*; (3) *Ball Float Type*; (4) *Inverted Bucket Type*; (5) *Open-top Bucket Type*; (6) *Vacuum Type*; (7) *Trap-Strainer Units*; (8) *Pipe-Strainers*; (9) *Thermostatic Air Vents for Steam Systems*; (10) *Automatic Air Eliminators for Hot-Water Systems*; (11) *Sight Glasses*; (12) *Lift Fittings*; (13) *Flash Steam Vessels*; (14) *Steam Circulation Systems*; (15) *Combined Draining and Air Venting Units for Drying Cylinders*; (16) *Automatic Pumps and Pumping Traps*; (17) *Automatic Drain Traps for Compressed Air Systems*. Copies of the pamphlets from
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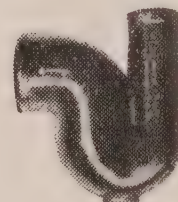
Liquid Expansion Steam Traps



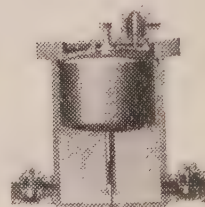
Inverted Bucket Steam Traps



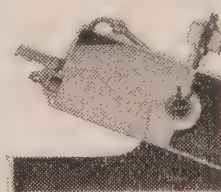
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Eagle Range & Grate Co., Ltd., Catherine Street, Aston, Birmingham 6 ..	H
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Filma Burners, Ltd., 68, Victoria Street, London, S.W.1	H
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General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2 ..	B F G M N O
Granwood Flooring Co., Ltd., Riddings, Derbyshire	G
Samuel Gratrix Ltd., Quay Street, Manchester, 3	A B D E F G J K L M N O
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G. N. Haden & Sons, Ltd., 19/29, Woburn Place, London, W.C.1	F G H J
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Heatrae, Ltd., Norwich, Norfolk	F O
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Jackson Boilers, Ltd., Vulcan Works, Shafton Lane, Holbeck, Leeds, 11 ..	N O
Jackson Electric Stove Co., Ltd., 143, Sloane Street, London, S.W.1	F
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Metropolitan-Vickers Electrical Co., Ltd., Trafford Park, Manchester 17	O
Milliwatt, Ltd., 10, Spring Place, Holmes Road, Kentish Town, London, N.W.5	F
Mirrlees Bickerton & Day, Ltd., Hazel Grove, Stockport	J
Negretti & Zambra, 122, Regent Street, London, W.1	L M
Norris Warming Co., Ltd., Burley House, 5/11, Theobalds Road, London, W.C.1	F G N O
Ocean Home Appliances Ltd., 99a, Park Lane, London, N.1	J
Ozonair, Ltd., Ozonair House, Longmoore Street, London, S.W.1	H
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	B D N
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham, 1	G H
Parkinson Stove Co., Stechford, Birmingham 9	D O
Thomas Potterton (Heating Engineers) Ltd., Cavendish Works, 20/30, Buckhold Road, Wandsworth, London, S.W.18	B F G O
Prior Stokers, Ltd., Prior Works, 1/3, Brandon Road, London, N.7	H J
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	A B C D E F K L M N O
Radiant Heating, Ltd., Radiant Works, Barnsbury Park, London, N.1	D E F
Radiation (Large Cooking Equipment), Ltd., Palatine Works, Warrington, Lancs.	B
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	B C D E N O
Royles, Ltd., Irlam, Nr. Manchester	K N O
Simplex Electric Co., Ltd., 217/219, Tottenham Court Road, London, W.1	F N O
James Slater & Co. (Engineers) Ltd., 50/51, Wells Street, London, W.1	F G N O
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Stephenson, Clarke, Ltd., 4, Fenchurch Avenue, London, E.C.3	I
Sturtevant Engineering Co., Ltd., Southern House, Cannon Street, London, E.C.4	G
Sumerling & Co., Ltd., 40/42, Newman Street, London, W.1	B N O
Sun Electrical Co., Ltd., 118/124, Charing Cross Road, London, W.C.2	O
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Unity Heating, Ltd., Chilworth Manor, Southampton, Hants.	F G M
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A. Yeates & Sons, Ltd., 151/153, Denmark Hill, London, S.E.5	N

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B. Calorimeters

C. Humidity Recorders

D. Thermometers, Dial

E. Thermometers
- F. Urinometers

G. Electrical Instruments for Measuring

H. Spectrophotometers

I. Microtomes

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Andrew Bros. (Bristol) Ltd., Stainless House, Weston-super-Mare, Som.	B
John Bentley & Co., Ltd., 270/271, Broad Street, Birmingham 1	A
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Thomas Bradford & Co., Ltd., Crescent Iron Works, Salford, 6	B
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Butler & Crispe, 80/84, Clerkenwell Road, London, E.C.1	E
Cambridge Instrument Co., Ltd., 13, Grosvenor Place, London, S.W.1	C D E G
Carron Co., Carron, Falkirk, Stirlingshire	B
Crompton Parkinson, Ltd., Astor House, Aldwych, London, W.C.2	G
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	D E F
H. J. Elliott, Ltd., Factory B18, Treforest Trading Estate, Glam.	E
Ether, Ltd., 60, Tyburn Road, Erdington, Birmingham 24	G
Evans Medical Supplies, Ltd., Speke, Liverpool, 19	D E F
Falk, Stadelman & Co., Ltd., 91, Farringdon Road, London, E.C.1	G
Falkirk Iron Co., Ltd., Falkirk, Stirlingshire	B
General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2	G
Samuel Gratrix, Ltd., Quay Street, Manchester, 3	B E G

Group 32 (Continued)

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Hartley & Sugden, Ltd., Atlas Works, Halifax, Yorks.	B
Hawksley & Sons, Ltd., 17, New Cavendish Street, London, W.1	A
Kelvin, Bottomley & Baird, Ltd., Kelvin Avenue, Hillington, Glasgow, S.W.2	A
Kodak, Ltd., Wealdstone, Harrow, Middlesex	E
Marconi Instruments, Ltd., Longacres, Hatfield Road, St. Albans, Herts.	G
S. Maw, Son & Sons, Ltd., Aldersgate House, Cromer Road, New Barnet, Herts.	A
Measuring Instruments (Pullin) Ltd., Electric Works, Winchester Street, Acton, London, W.3	G
Metropolitan-Vickers Electrical Co., Ltd., Trafford Park, Manchester 17	G
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Nurses Outfitting Association, Ltd., Carlyle House, Stockport, Cheshire	D
Ozonair, Ltd., Ozonair House, Longmoore Street, London, S.W.1	D E G
Rothband, W. S., & Co., Bent Street, Manchester, 8	E F
Royles, Ltd., Irlam, Nr. Manchester	B
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Sun Electrical Co., Ltd., 118/124, Charing Cross Road, London, W.C.2	G
Unicam Cambridge, Asbury Works, Cambridge	B H I
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D.	Glucose		

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British Drug Houses, Ltd., Graham Street, City Road, London, N.1 ..	E
Burgoyne, Burbidges & Co., Ltd., High Street South, East Ham, London, E.6 ..	B E D F
Burroughs, Wellcome & Co., 183/193, Euston Road, London, N.W.1	B F
Butler & Crispe, 80/84, Clerkenwell Road, London, E.C.1	A E F
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Glaxo Laboratories Ltd., Greenford, Middlesex	A D E F
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Paine & Co., Ltd., John Bull Works, St. Neots, Hunts.	F
Gedeon Richter (G.B.), Ltd., 14/18, Weedington Road, London, N.W.5 ..	E
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R. Sumner & Co., Ltd., 40, Hanover Street, Liverpool 1	A F
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- E. Ice Cooled Refrigerators

F. Kitchen Apparatus (Secondhand)

G. Kitchen Equipment

H. Sinks (Stainless Steel)

I. Sinks (Fireclay)

J. Cafeteria Equipment

Key

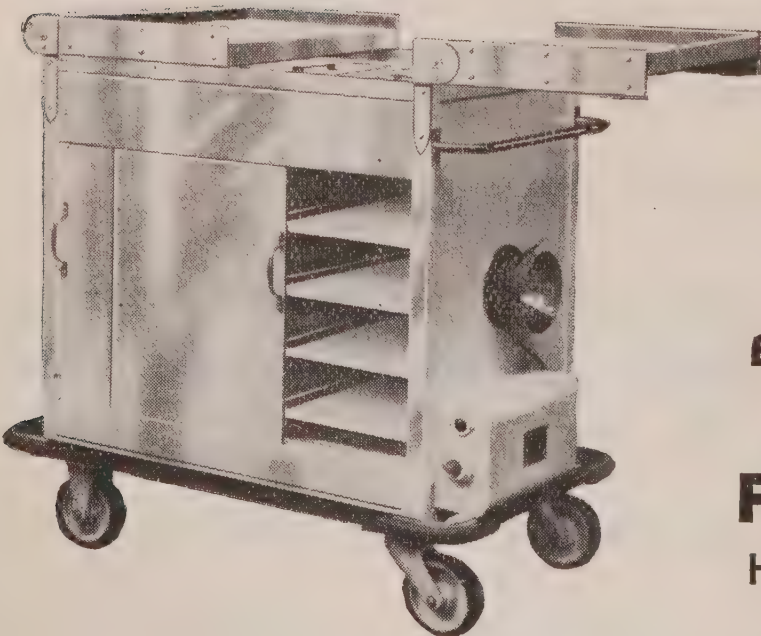
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Group 34 (Continued)

	Key
Wm. Douglas & Sons, Ltd., Douglas Wharf, Putney, London, S.W.15 ..	A E
Doulton & Co., Ltd., Doulton House, Albert Embankment, London, S.E.1 ..	I
Eagle Range & Grate Co., Ltd., Catherine St., Aston, Birmingham 6 ..	B
Electric & Musical Industries, Ltd., Hayes, Middlesex ..	G
Electrolux, Ltd., 153, Regent Street, London, W.1 ..	A
Esse Cooker Company, Bonnybridge, Scotland ..	B
Falkirk Iron Co., Ltd., Falkirk, Stirlingshire ..	A B C G H
James Farquharson & Sons, Park Parade, London, N.W.10 ..	B
Firth Vickers Stainless Steels Ltd., Sheffield ..	C
Furdecor, Ltd., 17, Mortimer Street, London, W.1 ..	G
Federated Sales, 80, Grosvenor Street, London, W.1 ..	B
Fletcher Russell & Co., Ltd., 7, Stratford Place, London, W.1 ..	B G
Fletcher Russell & Co., Ltd., Palatine Works, Warrington, Lancs. ..	B
Food Conveyors Ltd., 18, Manor Road North, Hinchley Wood, Surrey ..	D
Frigidaire, Division of General Motors, Ltd., 401, Edgware Road, The Hyde, London, N.W.9 ..	A
Gardiner & Gulland, Ltd., 18/20, Caxton Street, London, S.W.1 ..	D J
General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2 ..	A B G
Samuel Gratrix, Ltd., Quay Street, Manchester, 3 ..	A B C D G H
Wm. Green & Co. (Ecclesfield) Ltd., Norfolk Foundry, Ecclesfield, Nr. Sheffield ..	B G
G. N. Haden & Sons, Ltd., 19/29, Woburn Place, London, W.C.1 ..	B G
J. & E. Hall, Ltd., Dartford Ironworks, Dartford, Kent ..	A
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1 ..	G
Heal's Contracts, Ltd., 196/199, Tottenham Court Road, London, W.1 ..	G
Heatrae, Ltd., Norwich, Norfolk ..	G
Heenan & Froude, Ltd., 32, Duke Street, London, S.W.1 ..	B
Hobart Manufacturing Co., Ltd., Hobart Corner, New Southgate, London, N.11 ..	G
Hood's Bakery Outfit, Ltd., 190/192, Hackney Road, London, E.2 ..	C G
Imperial Machine Co., Victoria Works, Edgware Road, London, N.W.2 ..	G

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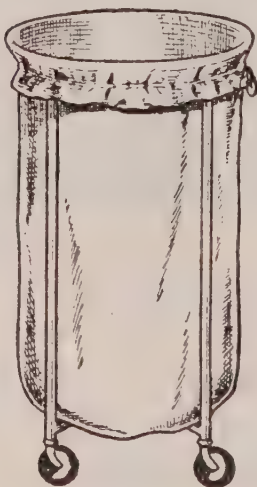
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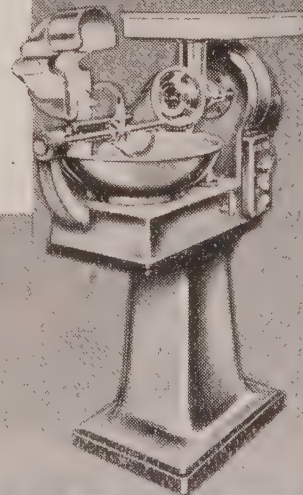
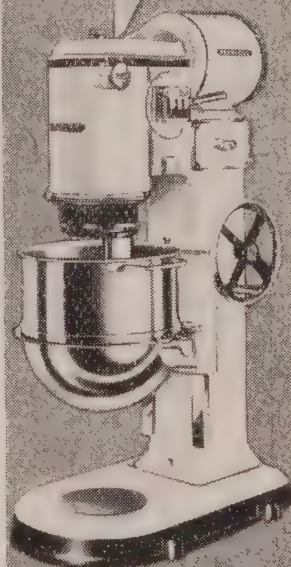
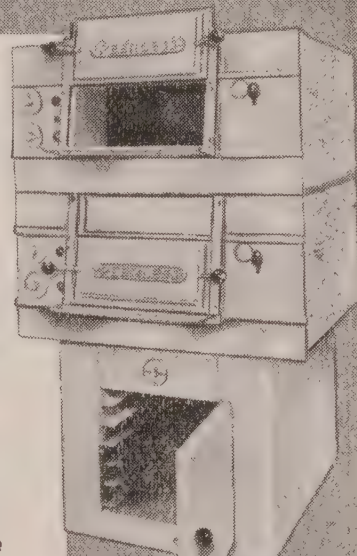
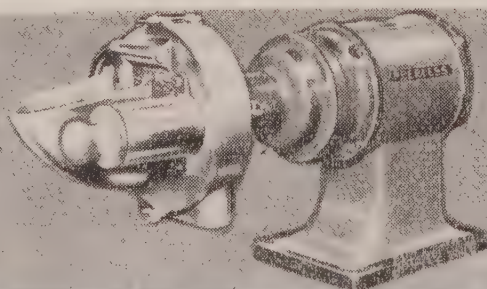
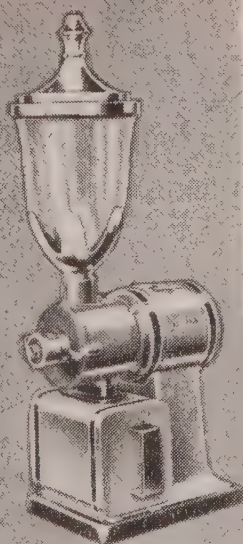
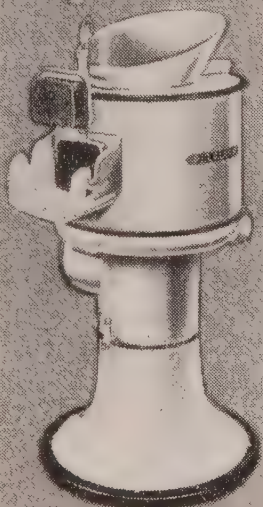
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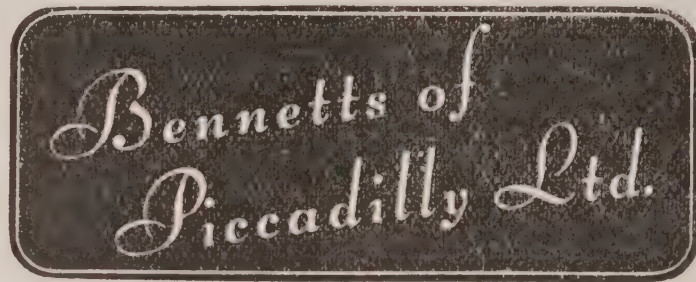
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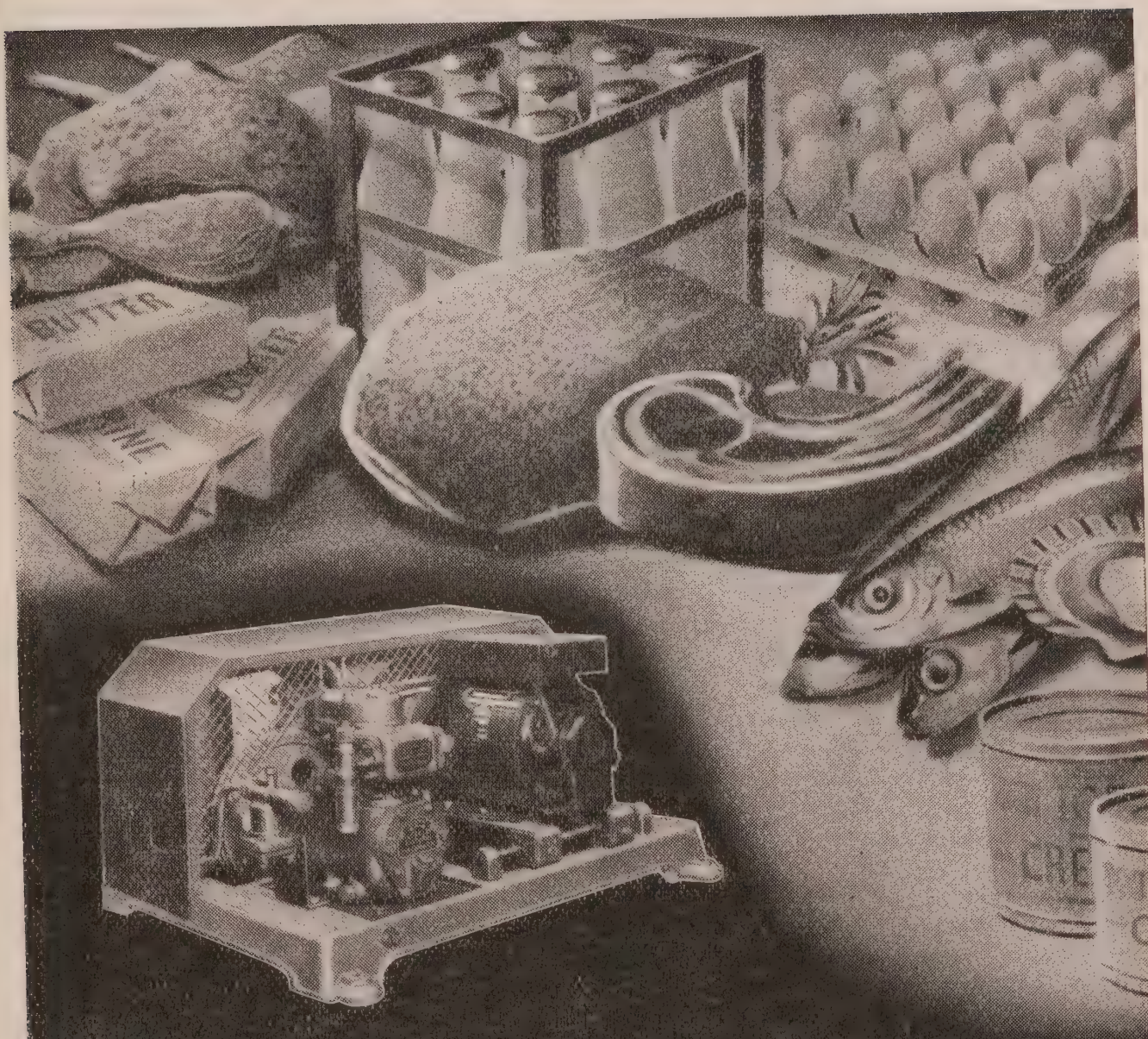
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Institution Supplies, Ltd., 46, Park Place, Leeds, 1	A B C D G H
Jackson Boilers, Ltd., Vulcan Works, Shafton Lane, Holbeck, Leeds 11 ..	B G
Jackson Electric Stove Co., Ltd., 143, Sloane Street, London, S.W.1	B C G
A. Johnson & Co. (London) Ltd., Africa House, Kingsway, London, W.C.2	H
J. Kelly & Son, 107/113, Rose Street, Edinburgh 2	B F G
Kelvinator, Ltd., Pym's Lane, Crewe, Cheshire	A
Kitchen Equipment Co., 59/61, Brewer Street, London, W.1	D G J
Kitchen Machines, Ltd., 7, Sicilian Avenue, Southampton Row, London, W.C.2	B C D G
Kitchen Supplies, Ltd., 15, Brewer Street, Piccadilly, London, W.1 ..	B C D G
Lexington Industries, Ltd., Hanway House, Hanway Street, London, W.1 ..	G
Lightfoot Refrigeration Co., Ltd., Abbeydale Road, North Circular Road, Wembley, Middlesex	A
London Metal Warehouses, Ltd., 15/17, Edgware Road, London, W.2 ..	G H
Mabbott & Co., Ltd., Phoenix Works, Poland Street, Manchester 4	B C D G
R. & A. Main, Ltd., Edmonton, London, N.18	B
Frank V. Magrini, Ltd., 40/44, Newman Street, Oxford Street, London, W.1	C D G H
Manor Electric Co., 53, Victoria Street, London, S.W.1	B C G J
K. Marock & Co., Ltd., 15/19, Arcola Street, Stoke Newington, London, N.16 ..	G
R. D. Milles, Ltd., 10/12, Brasenose Road, Bootle, Liverpool 20	C G
Moorwoods, Ltd., Harleston Iron Works, Sheffield 4	B G
Newton Chambers & Co., Ltd., Thorncliffe, Nr. Sheffield	A B
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1 A B C D E F G H	
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham, 1 ..	B C D G
Parkinson Stove Co., Ltd., Stechford, Birmingham 9	B
Parnall & Sons, Ltd., Lodge Causeway, Fishponds, Bristol	A
Peerless & Ericsson, Ltd., 6, Lygon Place, Grosvenor Gardens, London, S.W.1	B G
Pressed Steel Co., Ltd., Prestcold Refrigeration Division, Cowley, Oxford ..	A E
Pryke & Palmer, Ltd., 40/41, Upper Thames St., London, E.C.4 A B C D E F G H I	
Pulsometer Engineering Co., Ltd., Nine Elms Iron Works, Reading, Berks. ..	A
Radiation (Large Cooking Equipment) Ltd., Palatine Works, Warrington, Lancs.	B C G
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	B C D G H
Rowlet Supplies, Ltd., St. George's Works, 17, Eden Grove, Holloway, London, N.7	A B C D G
Fredk. Sage & Co., Ltd., Holborn Hall, Gray's Inn Road, London, W.C.1 ..	A B C G H
Joseph Sankey & Sons, Ltd., Bilston, Staffs.	H
J. H. Sankey & Son, Ltd., Aldwych House, Aldwych, London, W.C.2 ..	H I
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey A B C G	
Silverdale Manufacturing Co., Excel House, Whitcomb St., London, W.C.2	C D
S. Simons & Sons, Ltd., 2/4, Ramsey Street, Bethnal Green, London, E.2 ..	A
Simplex Electric Co., Ltd., 217/219, Tottenham Court Road, London, W.1 ..	B
James Slater & Co. (Engineers) Ltd., 50/51, Wells Street, London, W.1 B C F G H	
Staines Kitchen Equipment Co., Ltd., 94, Victoria Street, London, S.W.1 ..	C G H I
Stainless Steel Sink Co., Ltd., Ring Road, Lower Wortley, Leeds 12	C H
H. H. Stark, Ltd., 193, Whitechapel Road, London, E.1	C
John Steel, Castlefields, Bingley, Yorks.	G
Steel & Co., Ltd., 14, Berkeley Street, London, W.1	B G
W. M. Still & Sons, Ltd., 29/31, Greville St., Hatton Garden, London, E.C.1	A B C D G H I J
W. W. Stimson, 253, Arkwright Street, Nottingham	C
Sumerling & Co., Ltd., 40/42, Newman Street, London, W.1	B C D G H I
Superbuilt Products, Ltd., Bell Works, Harefield, Middlesex	C
John & Joseph Taunton, Ltd., Sherborne Road, Birmingham, 12	C
Taylor Rustless Fittings Co., Ltd., Ring Road, Lower Wortley, Leeds 12 ..	G
Triplex Foundry, Ltd., Gt. Bridge, Staffs.	B
Tyne Truck & Trolley Co., Ltd., 66/68, Northumberland St., Newcastle-on-Tyne 1	C
Vernons Industries Ltd., Valley Road, Bidston, Birkenhead, Cheshire ..	C G H
Willen Bros., Ltd., 44, New Cavendish Street, W.1, and 9, Eastgate, Exeter, Devon	D
Henry Wilson & Co., Ltd., Cornhill Works, Liverpool 1	B
A. Yeates & Sons, Ltd., 151/3, Denmark Hill, London, S.E.5	A B C D G H C
Jacob White & Co. Ltd., 324, Upper Street, Islington, London, N.1 ..	L



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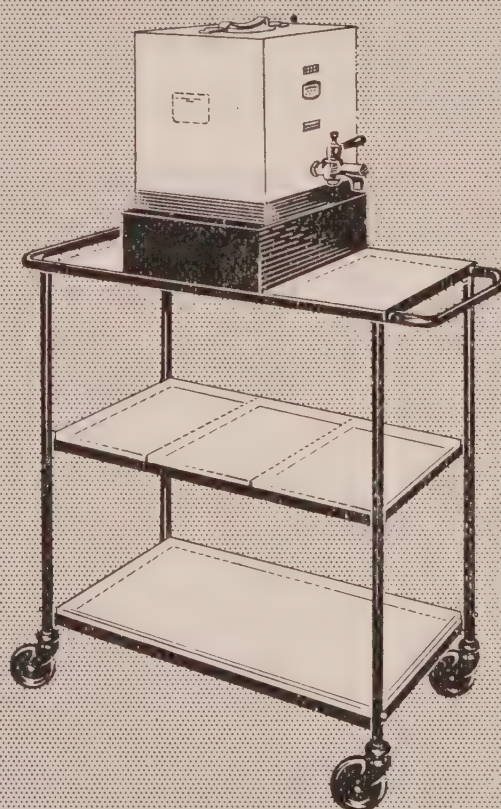
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F. Earthenware

G. Feeding Cups

H. Glass Ware

I. Stainless Steel Ware

J. Teapots

K. Tin Ware

L. Waste Bins

M. Vegetable Racks

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Alfis Fabrications Ltd., Hermitage Road, Whitwick, Leics.	A C E
Andrew Bros. (Bristol), Ltd., Stainless House, Weston-super-Mare, Som.	I
George L. Ashworth & Bros., Ltd., Broad Street, Hanley, Stocke-on-Trent, Staffs.	C F G J
Bakelite, Ltd., 18, Grosvenor Gardens, London, S.W.1	B
G. F. E. Bartlett & Son (Metal Workers) Ltd., 30-34, Bell Street, London, N.W.1	J M
Baxendale & Co., Ltd., 10/20, Thomas Street, Manchester 4	E
Bennetts of Piccadilly, Ltd., 30, Brewer Street, London, W.1	A B C D E F H I J K L M
R. C. Bigwood Ltd., 147, Station Road, Kings Heath, Birmingham, 14 . .	A
Bonza Polish Co. Ltd., Fishponds, Bristol	A I
British Emulsifiers, Ltd., 12, Greek Street, London, W.1	A M
Burge, Warren & Ridgley, Ltd., 45, City Road, London, E.C.1	G
Century Pottery Co., Ltd., Liverpool Road, Burslem, Staffs.	C
E. K. Cole, Ltd., Ekco Works, Southend-on-Sea, Essex	B
Colindale Supplies Ltd., 70, Colindale Avenue, London, N.W.9	C F G H
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Man-	A C D K
chester 4	D E F H L
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1 . . .	C J
Doulton & Co., Ltd., Doulton House, Albert Embankment, London, S.E.1 .	A B C D E F G H I J K L M
Druce & Co., Ltd., 56, Baker Street, London, W.1	C D F G H J
Dudson Bros., Ltd., Hope Street, Hanley, Stoke-on-Trent, Staffs. . . .	B
Eaton Plastics Ltd., 133, Hampstead Road, London, N.W.1	D
Gladwyn, Ltd., Embassy Works, Sheffield, 1	A B C D E I J K
Samuel Gratrix, Ltd., Quay Street, Manchester, 3	A B C D E F H I
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1	C F G J
Hargreaves & Son, Ltd., Albert Street, Burslem, Stoke-on-Trent, Staffs. .	L
Henry Harley & Co., Ltd., Shinfield Works, Wood Lane, London, W.12 . .	A B C D E F H I J L M
Heal's Contracts, Ltd., 196/199, Tottenham Court Road, London, W.1 . .	A B C D E F G H I J K L
Institution Supplies, Ltd., 46, Park Place, Leeds, 1	C F G J
James A. Jobling & Co., Ltd. (Pyrex Brand), Wear Glass Works, Sunderland,	G
Co. Durham	C D
John Lockett & Co., Chancery Lane, Longton, Stoke-on-Trent, Staffs. . .	C D
Kitchen Equipment Co., 59/61, Brewer Street, London, W.1	C D
Kitchen Machines, Ltd., 7, Sicilian Avenue, Southampton Row, London,	A B C D E F H J K L M
W.C.2	D
Kitchen Supplies, Ltd., 15, Brewer Street, Piccadilly, London, W.1 . . .	A D K
Maple & Co. Ltd., Tottenham Court Road, London, W.1	A E
Douglas E. Moore, 10, Vicar Lane, Sheffield 1	A B C D E F H J L M
Newton, Shakespeare & Co., Ltd., Garrison Lane, Birmingham 9	D E
Osmond & Matthews, Ltd., 82/4, Crown Lane, Southgate, London, N.14 . .	C G
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	A B C D E F H J L M
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham, 1 . . .	D E
Pountney & Co., Ltd., The Bristol Pottery, Fishponds, Bristol	C G
Pryke & Palmer, Ltd., 40/41, Upper Thames Street, London, E.C.4	A B D E F G H I J K L M
Rowe Bros. & Co., Ltd., Pall Mall, Liverpool	A D E J K
Shorter Bros., Danesfield, Hersham Road, Walton-on-Thames, Surrey . .	A B C D E F G H K
Sterling Plastics, Ltd., 11, Oxford Circus Avenue, London, W.1	B
Still, W. M., & Sons, 29/31, Greville Street, Hatton Garden, London, E.C.1 .	A D I J K M
Sumerling & Co., Ltd., 40/42, Newman Street, London, W.1	A D E I J K L M
Sungam, Ltd., 35/39, Maddox Street, London, W.1	B C G
Taw Manufacturing Co., Ltd., Campsbourne Works, High Street,	G I J
Hornsey, London, N.8	L
Vernons Industries Ltd., Valley Road, Bidston, Birkenhead, Cheshire . .	B
Warerite Ltd., Ware, Herts.	C D F H
Waring & Gillow, Ltd., 164/182, Oxford Street, London, W.1	

Group 35 (Continued)

Key
DI
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John Weiss & Son, Ltd., 287, Oxford Street, London, W.1

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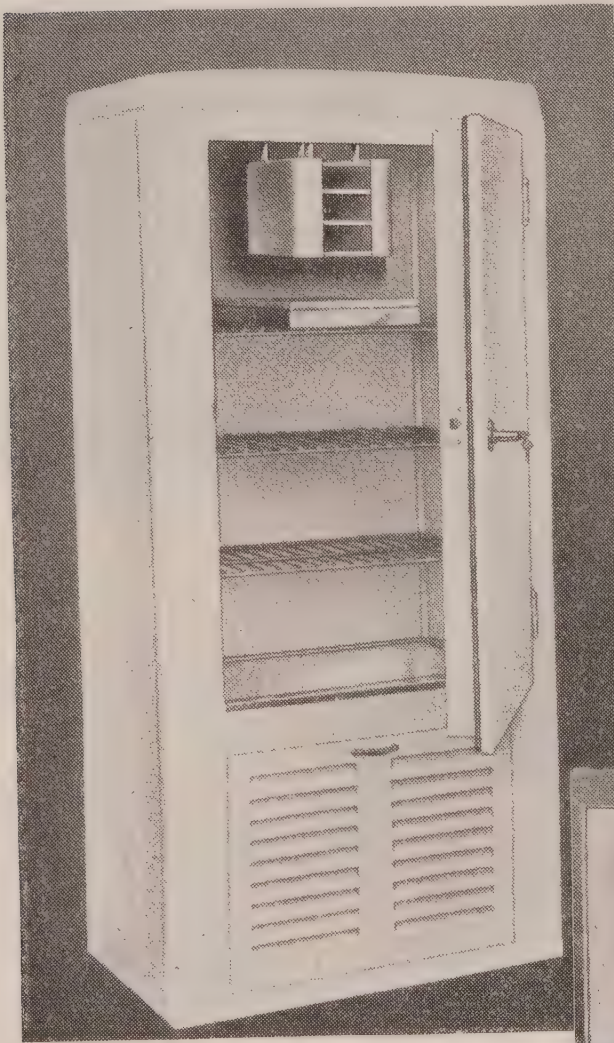


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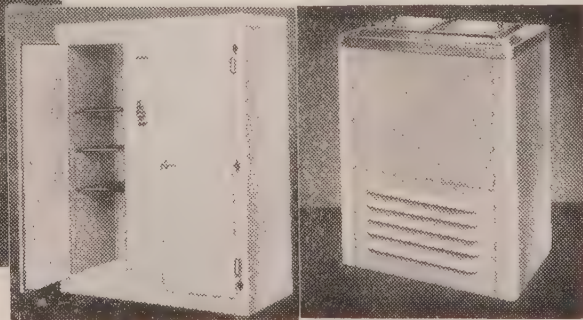
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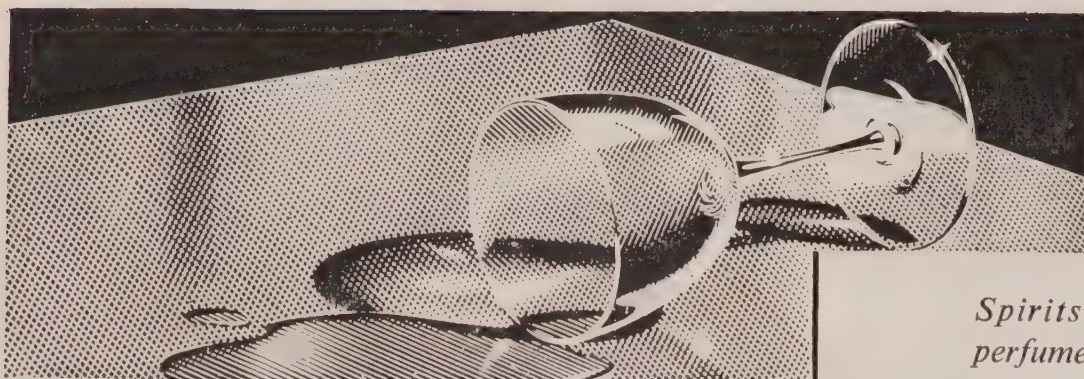
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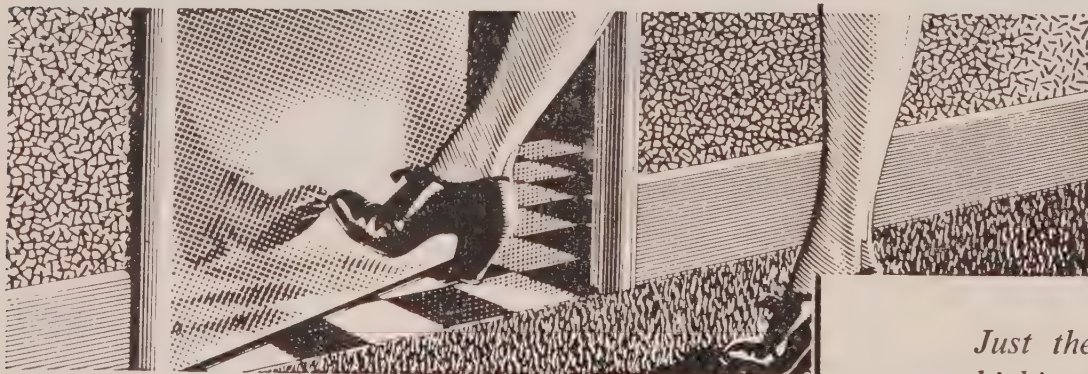
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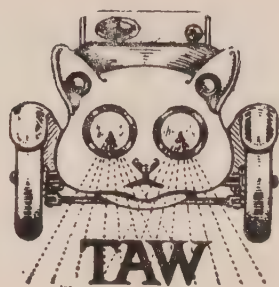
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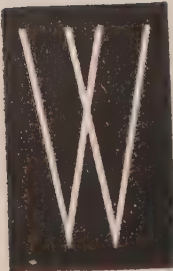
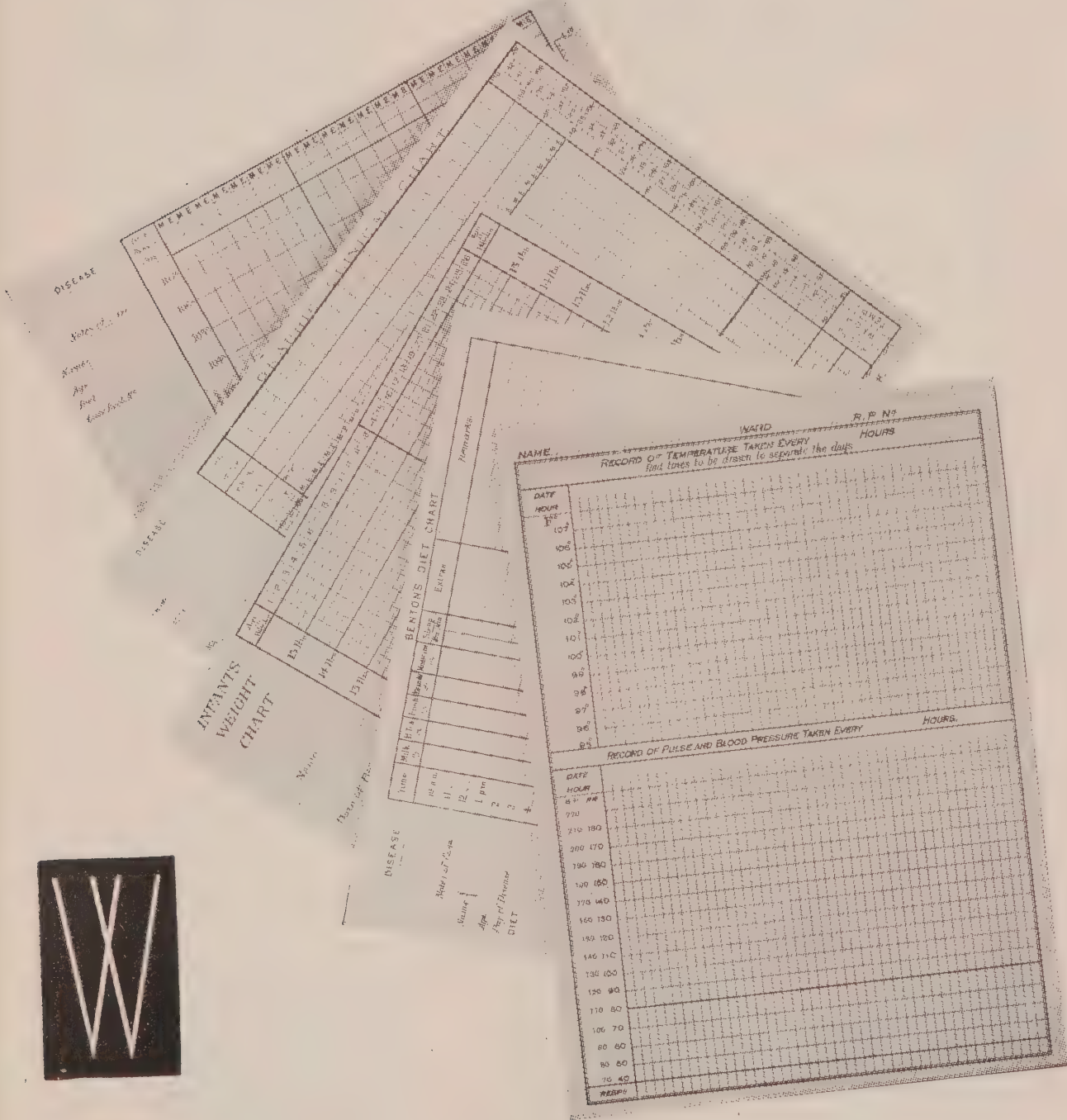
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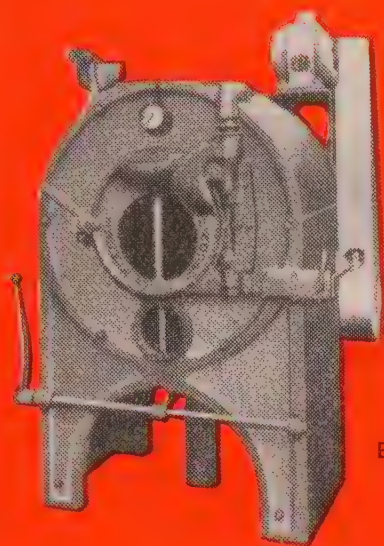
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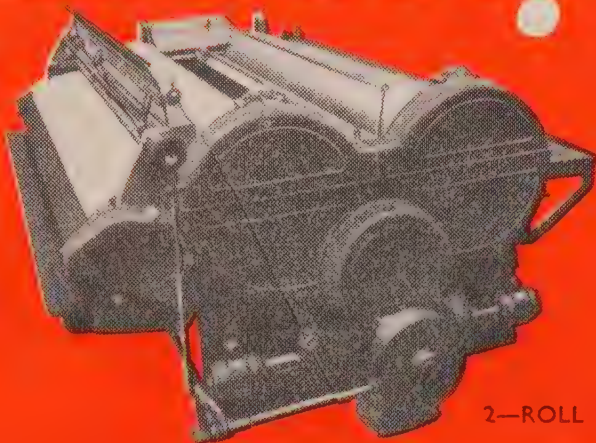
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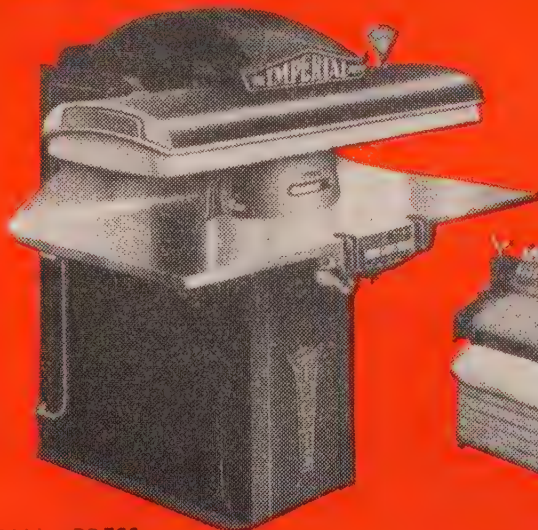
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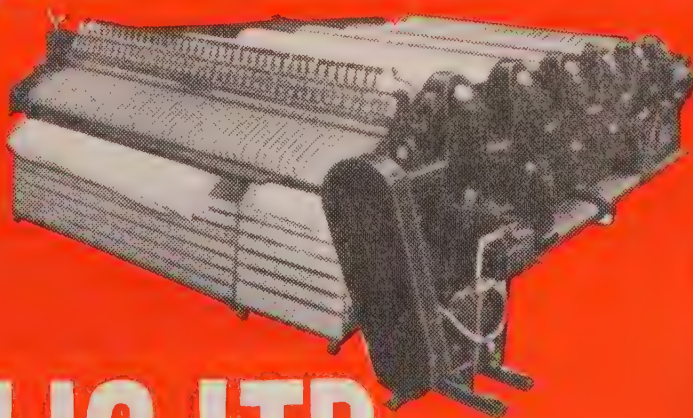
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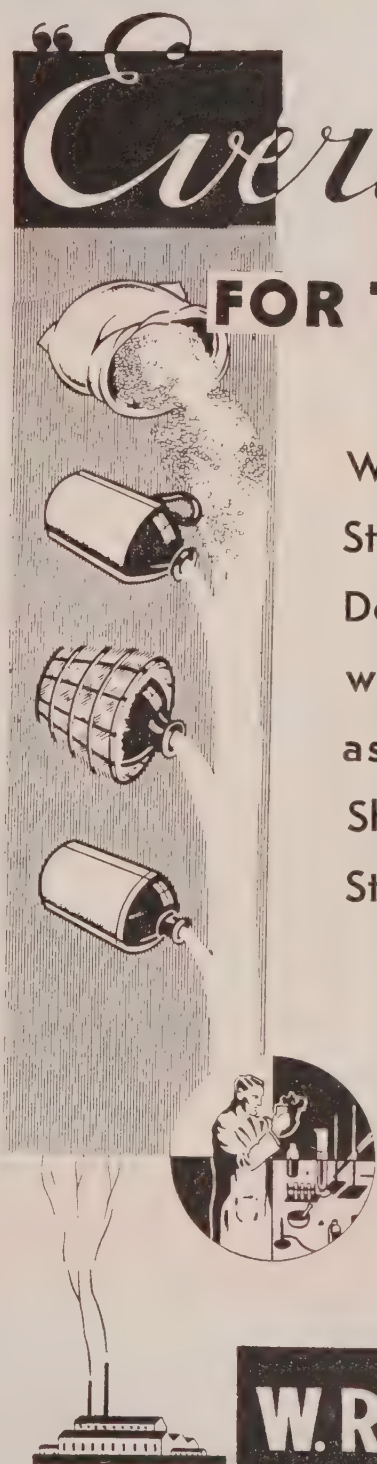
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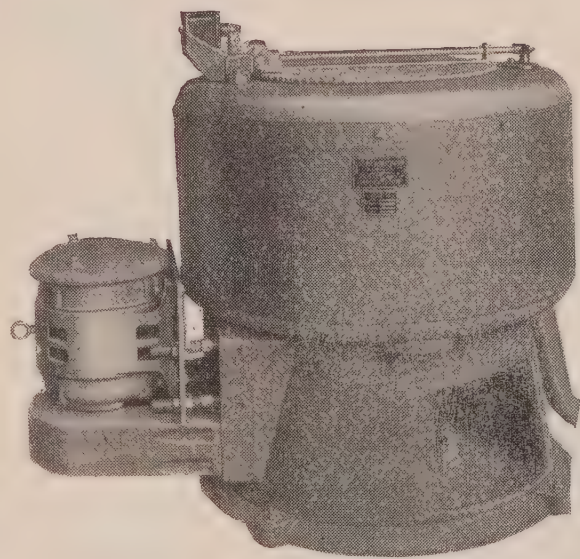
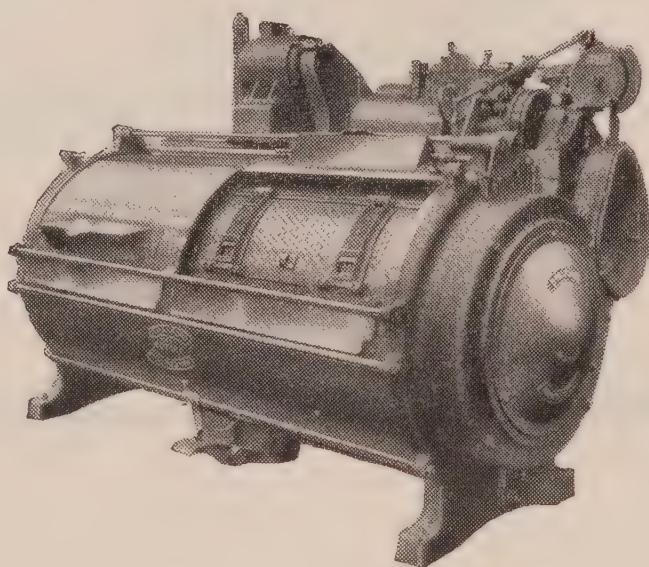


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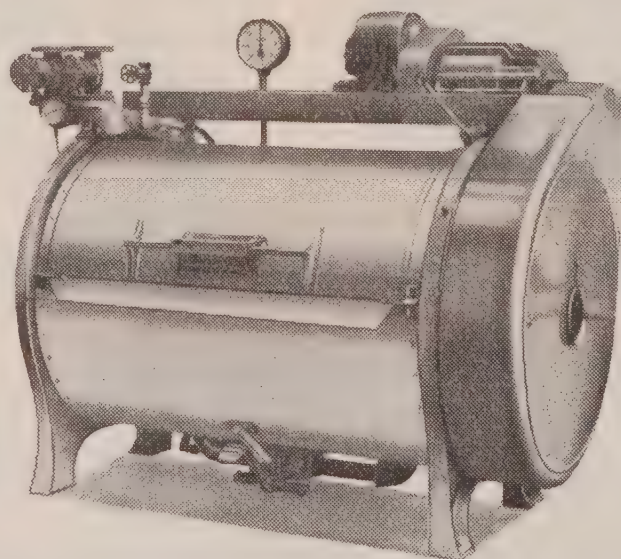
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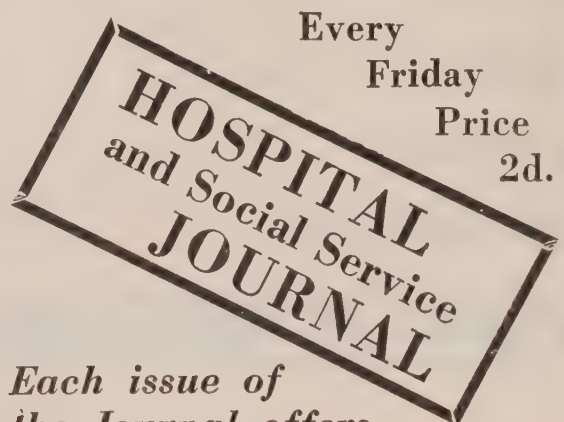
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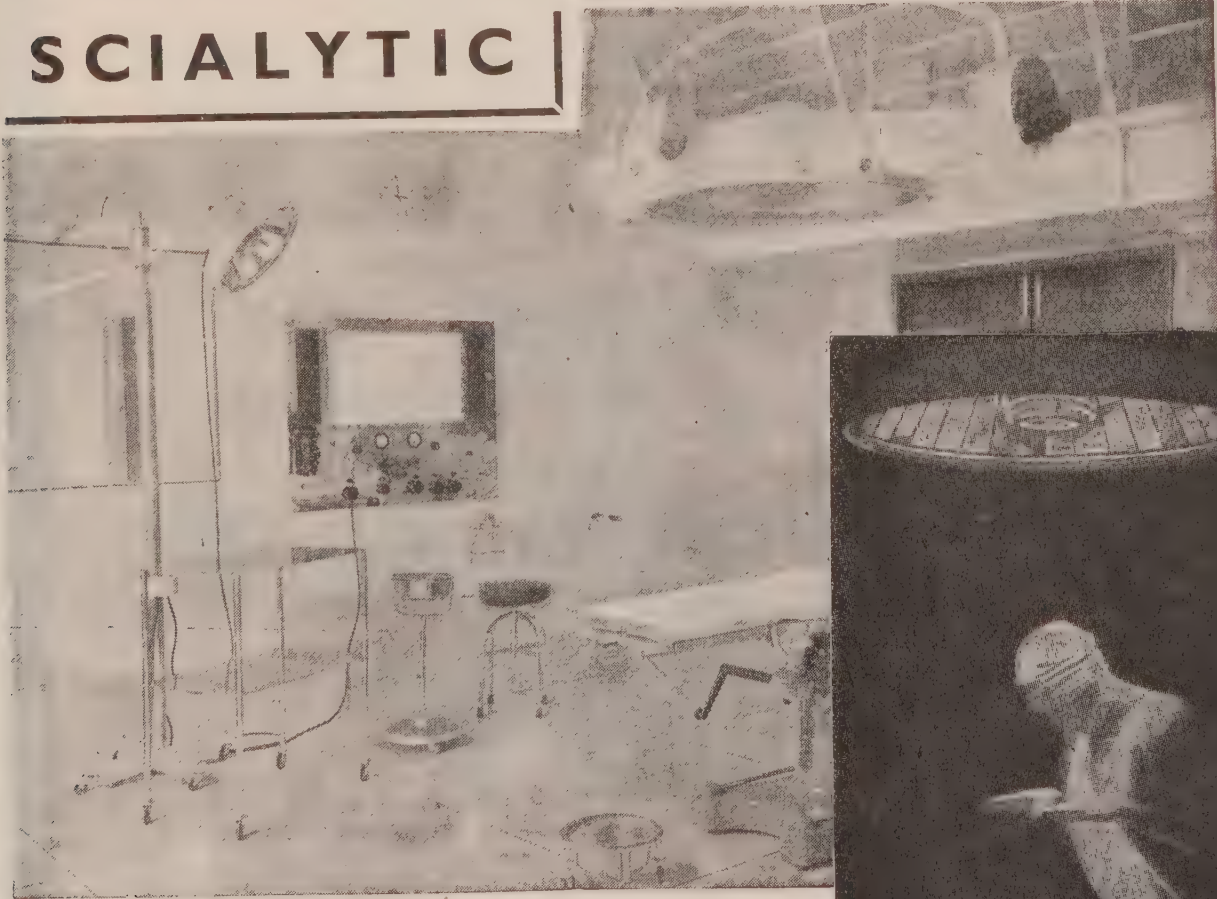
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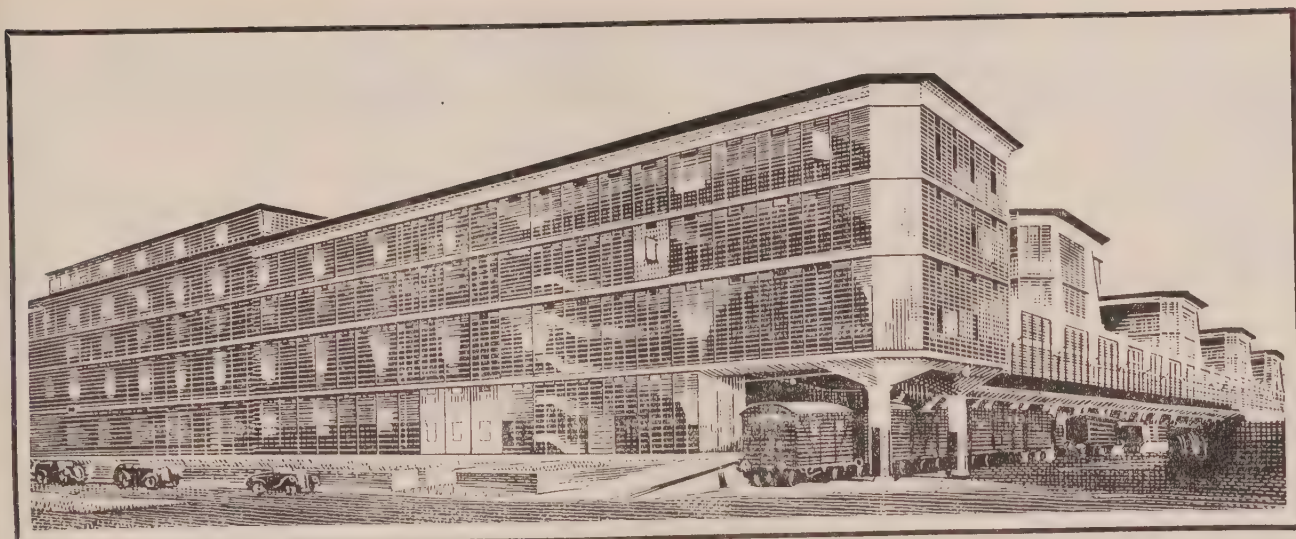
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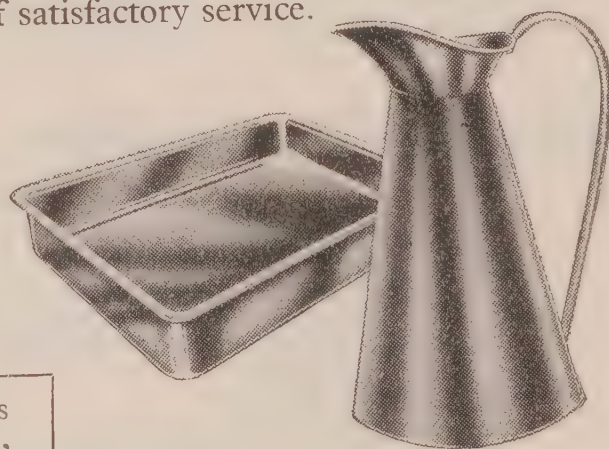
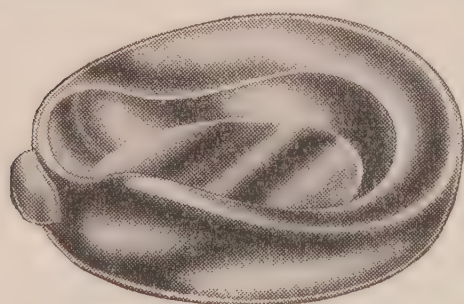
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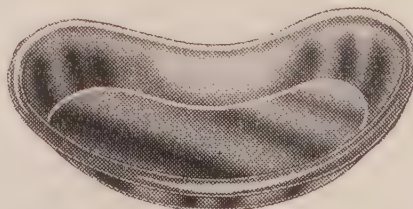
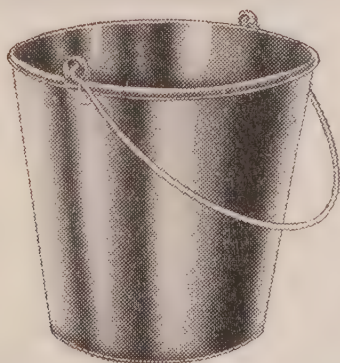
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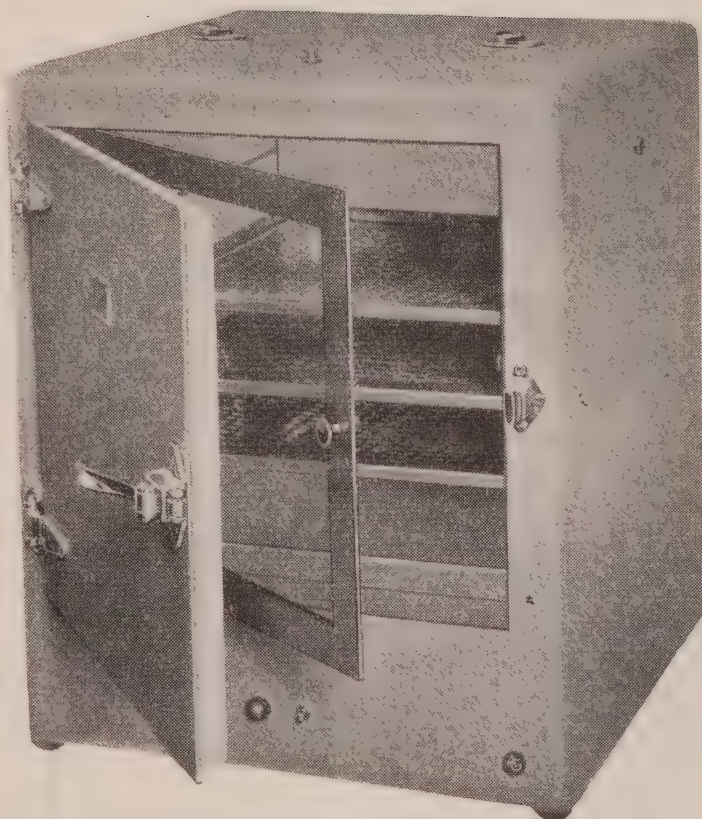
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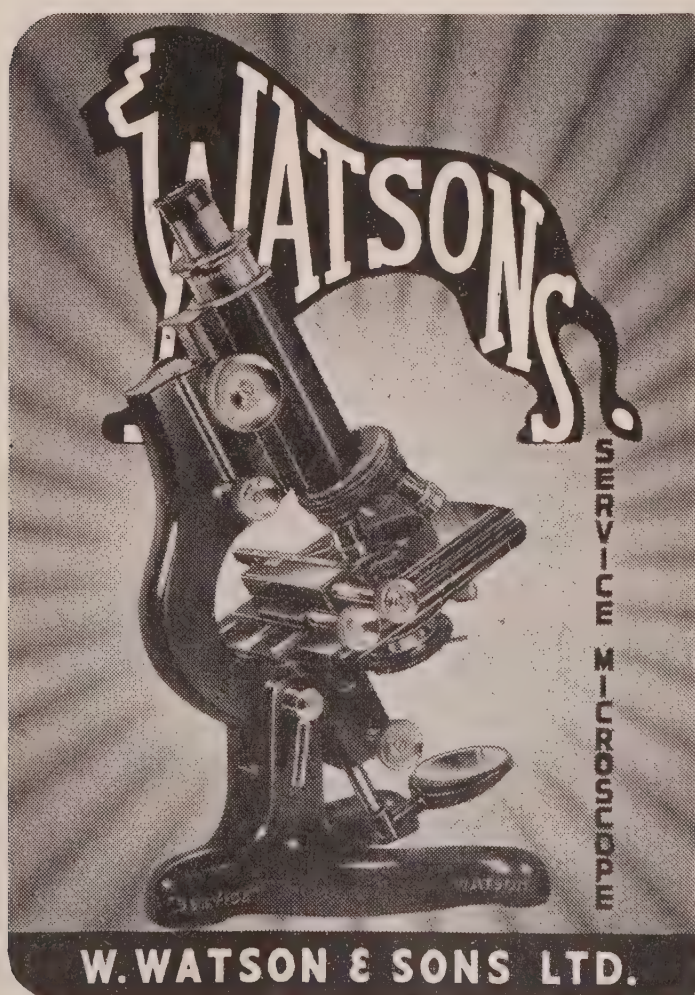
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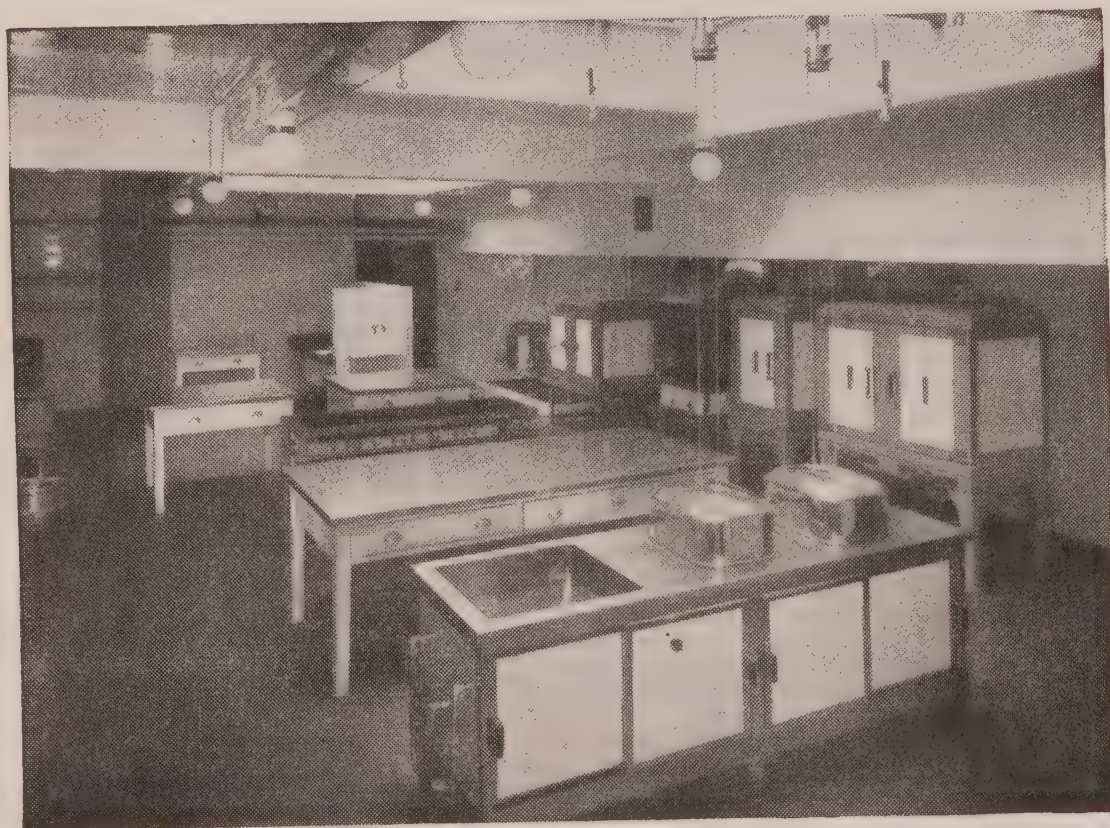
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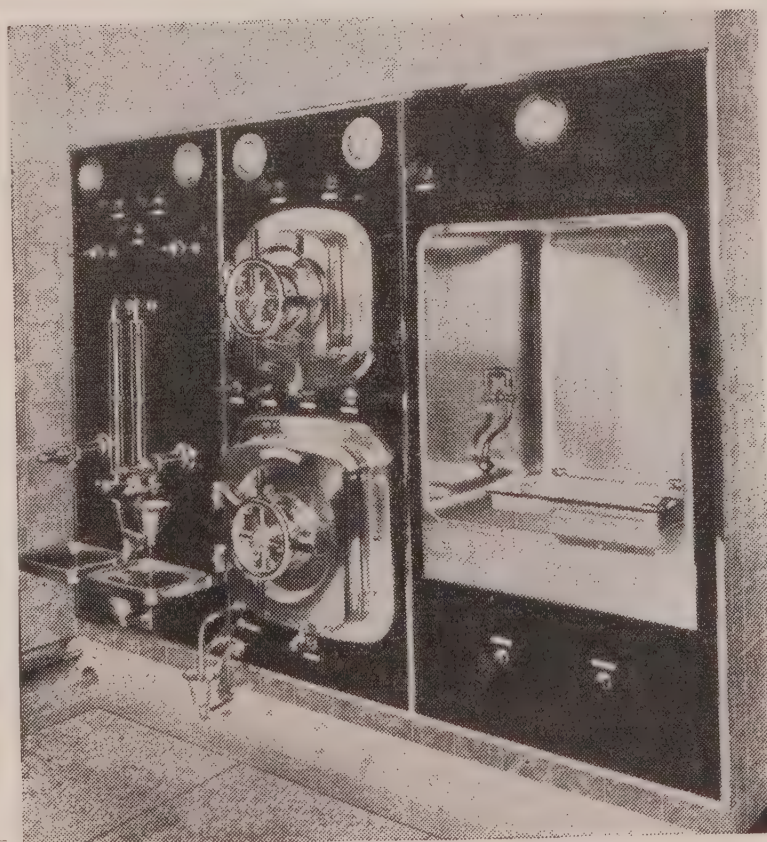


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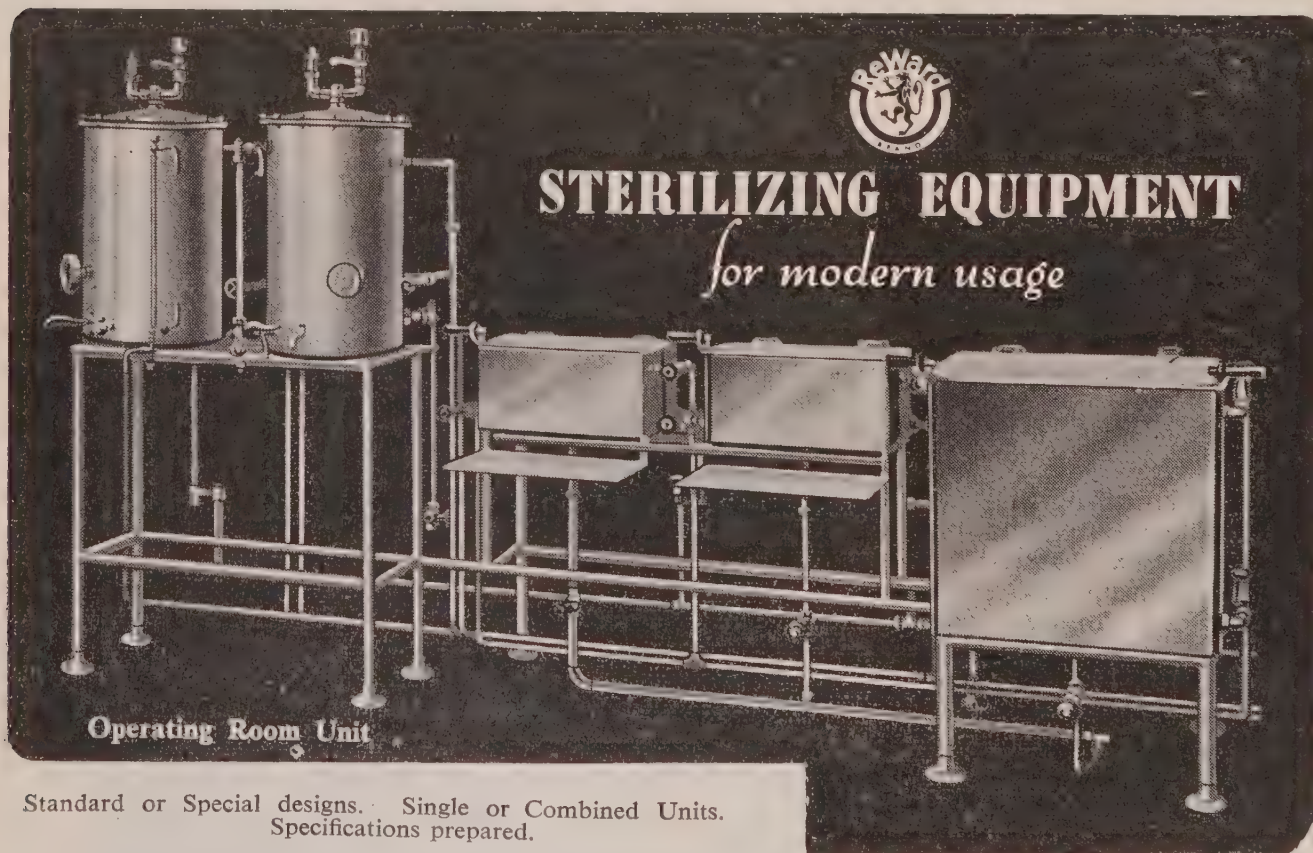
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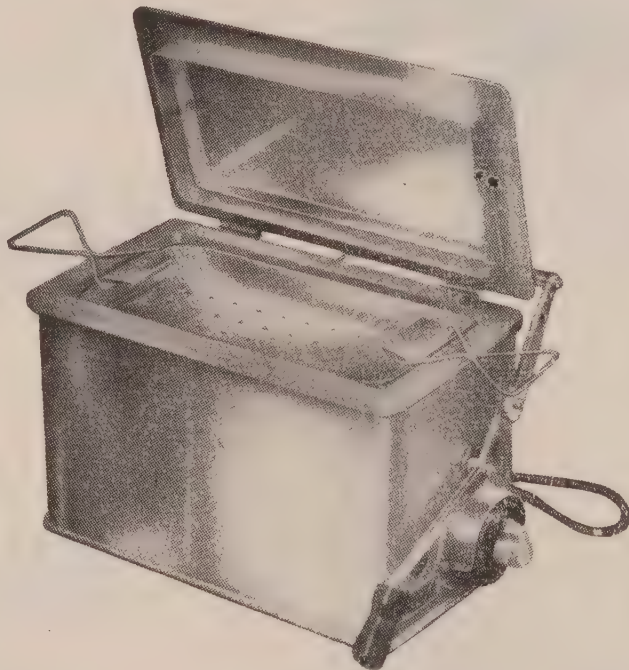
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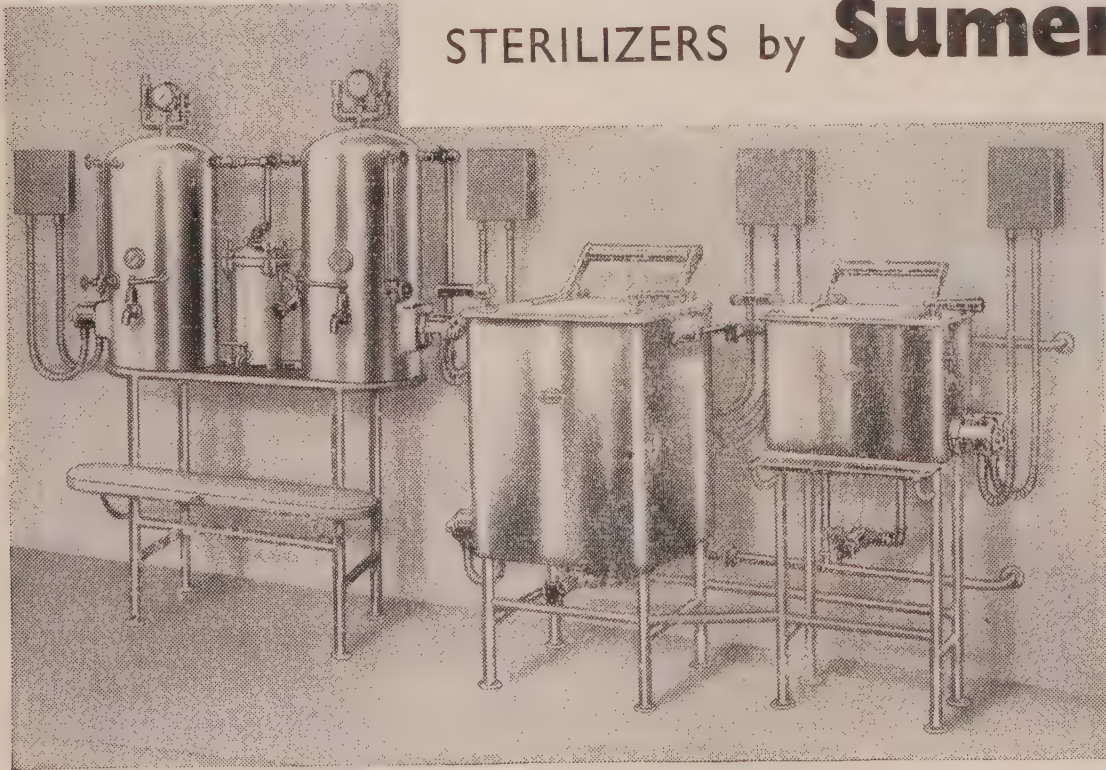
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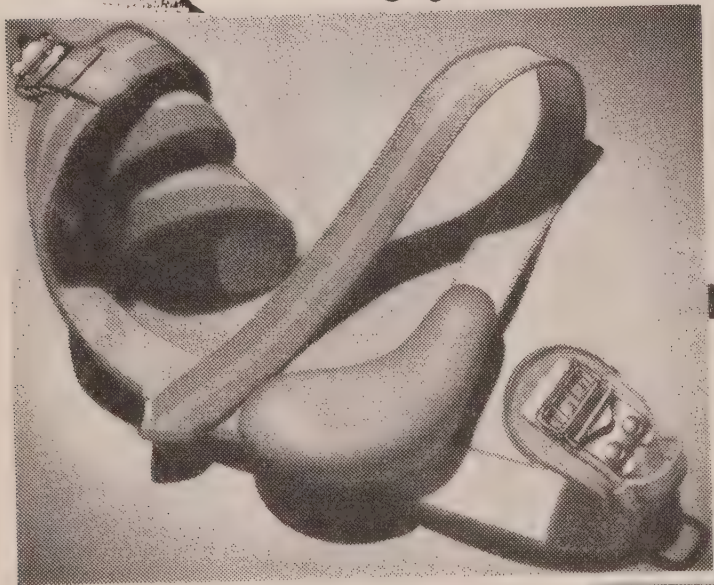
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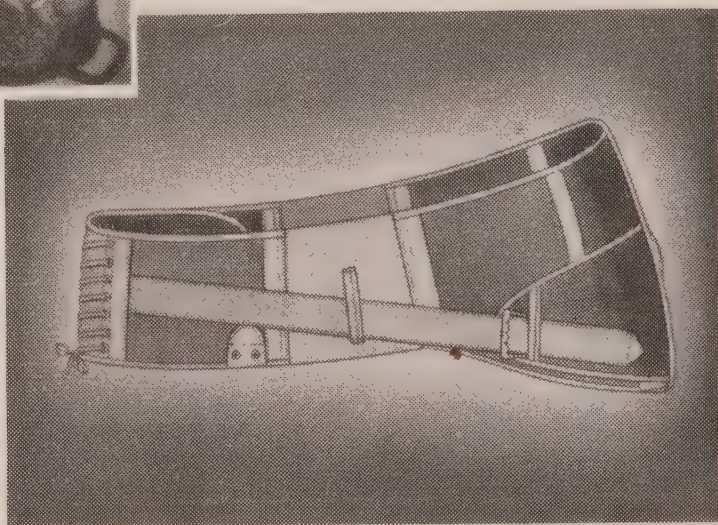
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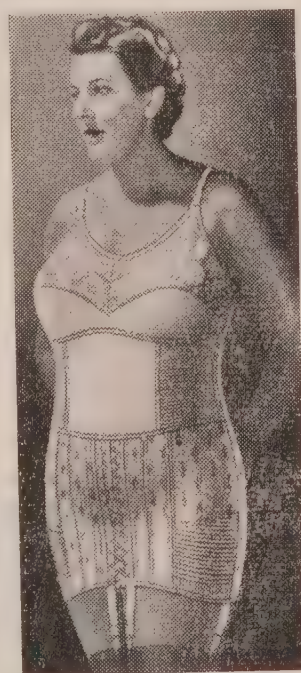
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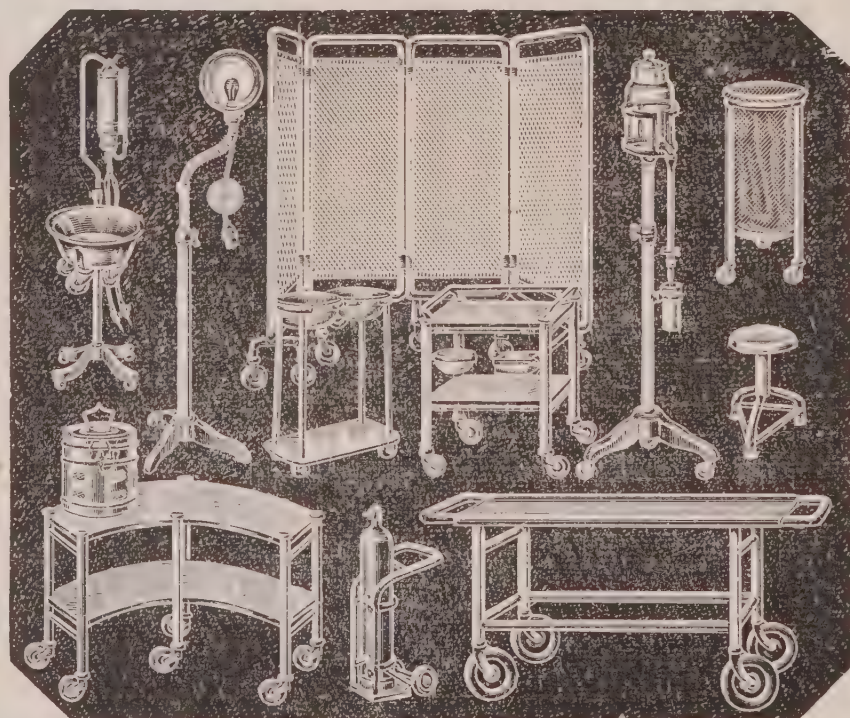
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Trix Electrical Co., Ltd., 1/5, Maple Place, Tottenham Court Road, London, W.1	F
A. & E. Turvey, 16, Corstorphine Road, Edinburgh, 12	R
Wm. Warne & Co., Ltd., Barking, Essex	B
John Weiss & Son, Ltd., 287, Oxford Street, London, W.1	G K
West End Human Hair and Wig Co., Ltd., 74, Shaftesbury Avenue, London, W.1	R
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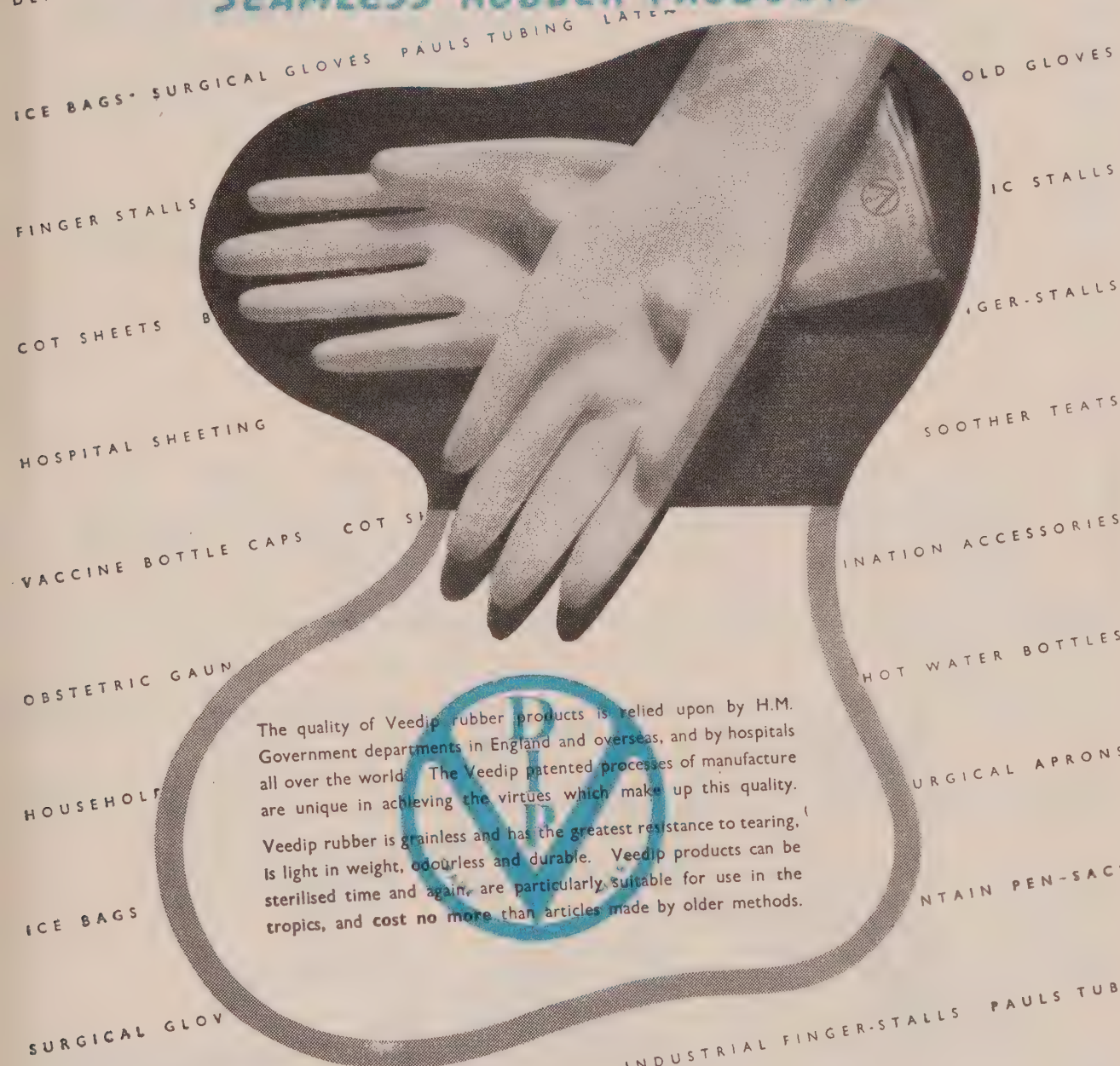
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S.W.16	A D F H
Boots Pure Drug Co. Ltd., Station Street, Nottingham	F K
Burge, Warren & Ridgley, Ltd., 45, City Road, London, E.C.1	A D
Butler & Crispe, 80/84, Clerkenwell Road, London, E.C.1	E
Cassell, Andrews & Co., Ltd., Hardman Works, Hardman Street, Manchester 3..	E I
Stanley Cox, Ltd., 11, Gerrard Street, Shaftesbury Avenue, London, W.1	E
Cox-Cavendish Electrical Co., Ltd., 46/47, Marylebone High Street, London	E I
W.1	E
Crowthorn Engineering Co., Ltd., Atlas Works, Reddish, Stockport, Cheshire..	A C D F G H I J..
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	C F K
Dental Manufacturing Co., Ltd., Brock House, 97, Gt. Portland Street, London,	A B C D F G H
W.1	A D F G H I J
Down Bros., Mayer & Phelps, Ltd., 32/34, New Cavendish Street, London, W.1	D F
Edwards Surgical Supplies, 66, Mortimer Street, London, W.1	F
Evans Medical Supplies, Ltd., Speke, Liverpool, 19	F
S. & R. J. Everett & Co., Ltd., 939, London Road, Thornton Heath, Surrey	M
Four Oaks Spraying Machine Co., Belsan Works, Four Oaks, Sutton Coldfield,	F G
Nr. Birmingham	H
William Freeman & Co. Ltd., Subaseal Works, Peel Street, Barnsley,	H
Yorks.	F
General Surgical Co., Ltd., Gensurco House, Rosebery Avenue, London,	A B D F G H I J K
E.C.1	F H
Grosvenor Surgical Supplies, Ltd., 113, Grosvenor Street, Manchester 1	D
A. L. Hawkins & Co., Ltd., 15, New Cavendish Street, London, W.1	L
Hawksley & Sons, Ltd., 17, New Cavendish Street, London, W.1	H I
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London, E.C.1	I
J. G. Ingram & Son, Ltd., The London India Rubber Works, Hackney Wick,	H A
London, E.9	F G
Institution Supplies, Ltd., 46, Park Place, Leeds, 1	A B C D E F G H I J K
Kelvin, Bottomley & Baird, Ltd., Kelvin Avenue, Hillington, Glasgow, S.W.2	N
London Splint Company, 69, Weymouth Street, London, W.1	C
London Metal Warehouses, Ltd., 15/17, Edgware Road, London, W.2	I
Macarthy's, Ltd., 28, Market Place, Romford, Essex	G
Marconi Instruments, Ltd., Longacres, Hatfield Road, St. Alban's, Herts..	G
S. Maw, Son & Sons, Ltd., Aldersgate House, Cromer Road, New Barnet, Herts.	I
Mayer & Phelps, Ltd., 32/34, New Cavendish Street, London, W.1	H A
Medical Supply Association, Ltd., 167, Gray's Inn Road, London, W.C.1	F G
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Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham, 1	A
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Pleasant, London, W.C.1	A D G
W. S. Rothband & Co., Bent Street, Manchester, 8	G
Frederick Sage & Co., Ltd., Holborn Hall, Gray's Inn Road, London, W.C.1	B G H
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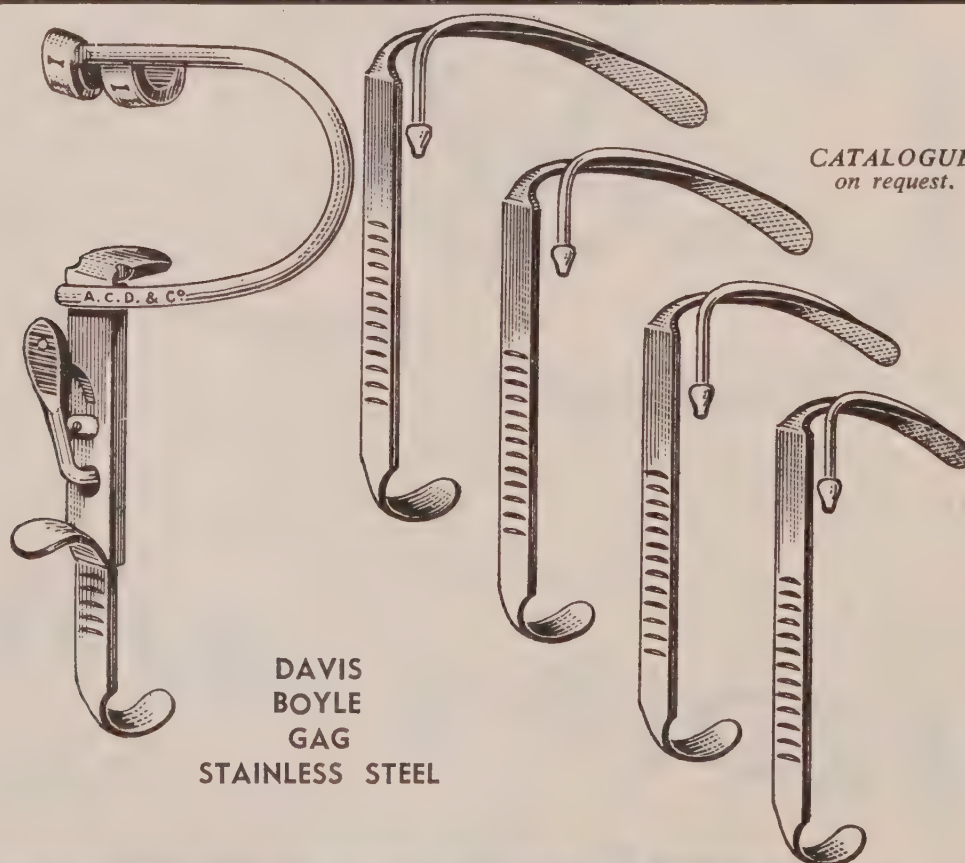
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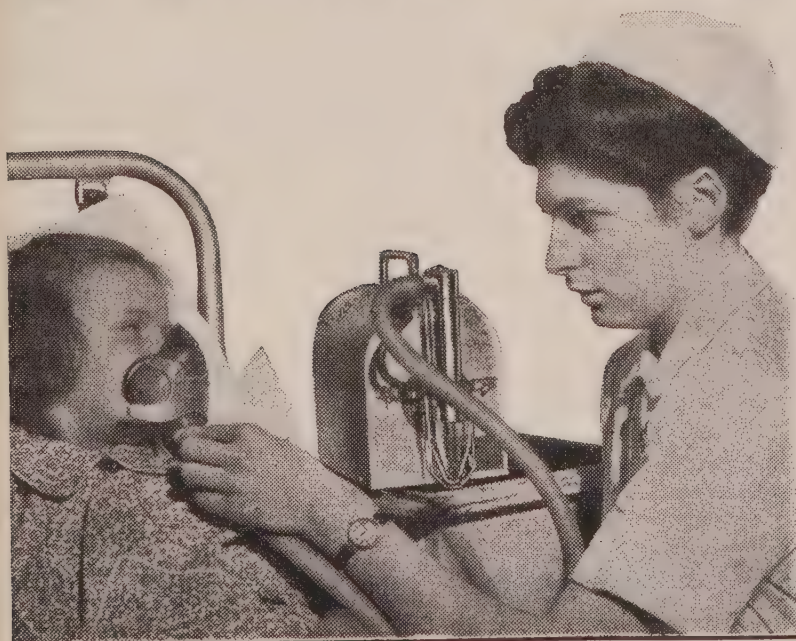
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Surgical Equipment Supplies, Ltd., Westfields Road, North Acton, London, W.3	CF
W. R. Swann & Co., Ltd., Penn Works, Bradfield Road, Sheffield 6	G
Taw Manufacturing Co., Ltd., Campsbourne Works, High Street, London, N.8	AC
Edward Taylor, Ltd., Monton, Lancashire	H
Herbert Terry & Sons, Ltd., Redditch, Worcs.	E
Chas. F. Thackray, Ltd., Old Medical School, 10, Park Street, Leeds 1	FGH
Vann Bros., Ltd., 63, Weymouth Street, London, W.1	G
Veedip Ltd., St. Helens Works, Slough, Bucks.	DH
Wm. Warne & Co., Ltd., Barking, Essex	A
John Weiss & Son, Ltd., 287, Oxford Street, London, W.1	BGH
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J. H. Bounds, Stethos House, 68, Sackville Street, Manchester, 1	ABCDEFGHIJ
Blackwell, Young & Co., Ltd., Exchange House, Old Change, London, E.C.4	ABCDEFGH
Andrew Browne & Sons, Ltd., 19/21, Tempest Hey, Liverpool 2	AC
Co-operative Wholesale Society, Ltd., Contracts Dept., 1, Balloon Street, Manchester 4	BCDFGJ
E. W. Cordle & Son, Ltd., Maidstone House, 26, Berners Street, London, W.1	ABCDEFGHJ
Crompton Manufacturing Co., Ltd., Melbourne Works, Firth Street, Huddersfield, Yorks.	ABCDEFGHIJK
Druce & Co., Ltd., 56, Baker Street, London, W.1	ABCFGH
E. & R. Garrould, Ltd., 150/162, Edgware Road, London, W.2	C
C. Hainsworth, The Elms, Rusper, Horsham, Sussex	ABCDEFGHJ
Hatton, W. R., & Sons, Ltd., 316/318, Latimer Road, West Kensington, London, W.10	C
Hampton & Sons, Ltd., Pall Mall East, London, S.W.1	ABCGHIJ
Horrockses, Crewdson & Co., Ltd., Preston, London, Manchester	CG
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Jester & Co. Ltd., Jester House, Roman Forum, Leicester	I
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A. & J. McNab, Ltd., Slateford, Midlothian	A
Maple & Co. Ltd., Tottenham Court Road, London, W.1	ABCGHK
K. Marock & Co., Ltd., 15/19, Arcola Street, Stoke Newington Road, London, E.8	ABCDEFG
G. Miller, 48/50, Bermondsey Street, London, S.E.1	ACG
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William Patterson & Sons, 77/93, Overgate, Dundee	ACDFGIJ
W. J. Rendell, Ltd., Hardwick House, 161/165, Rosebery Avenue, London, E.C.1	G
Robinson & Sons, Ltd., Wheat Bridge Mills, Chesterfield	G
Victor E. Rogers & Son, Ltd., 53, Queen Square, Bristol 1	ACDG
Snape & Son, Manchester Road, Swinton, Manchester	ABCD FGJ
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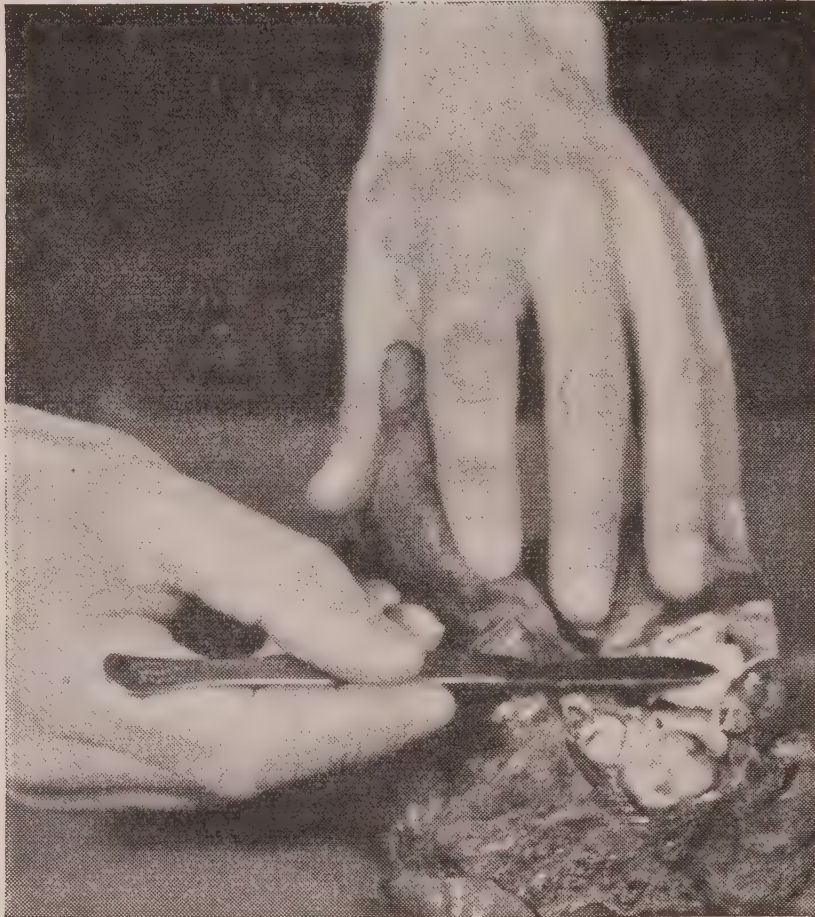
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Wm. Warne & Co., Ltd., Barking, Essex	CG
Waring & Gillow, Ltd., 164/182, Oxford Street, London, W.1	C
Were & Wright, Godliman House, Godliman Street, London, E.C.4	CG
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Bailey (W. H.) & Son, Ltd., 45, Oxford Street, London, W.1	ABCDEFGHI
John Bell & Croyden, 50/52, Wigmore Street, London, W.1	ABCDEFGHIJ
Blake's Medical Stores, Ltd., 8, Sunnyhill Road, Streatham, London, S.W.16	AB
Bury & Co., "Storrington." Woodside Road, Purley, Sussex	CD
A. Browne & Son (Sheet Metal Manufacturers) Ltd., 36, Broadley Street, London, N.W.8	J
Cassell Andrews & Co., Ltd., Hardman Works, Hardman Street, Manchester 3	C
Cuxson Gerrard & Co., Ltd., Oldbury, Birmingham	A
Daniels, A. C., & Co., Ltd., 41, New Cavendish Street, London, W.1	ABCDEFGH
Down Bros., Mayer & Phelps, Ltd., 32/34, New Cavendish Street, London, W.1	ABCDEFGHI
Dunlop Rubber Co., Ltd. (Dunlopillo Division), 176, Rice Lane, Walton, Liverpool 9	C
Firth Vickers Stainless Steel, Ltd., Sheffield	IJ
A. L. Hawkins & Co., Ltd., 15, New Cavendish Street, London, W.1	ABCDEFGHI
Douglas Hext & Co., 94, Telford Avenue, London, S.W.2	J
Holborn Surgical Instrument Co., Ltd., 15, Charterhouse Street, Holborn Circus, London, E.C.1	ABCDEFGHIK
Institution Supplies, Ltd., 46, Park Place, Leeds, 1	BCJ
Johnson & Johnson (Gt. Britain), Ltd., Slough, Bucks.	A
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J. E. Macfarlan & Co., 8, Elstree Way, Boreham Wood, Herts.	G
K. Marock & Co., Ltd., 15/19, Arcola Street, Stoke Newington Road, London, E.8	C
S. Maw, Son & Sons, Ltd., Aldersgate House, Cromer Road, New Barnet, Herts.	B
Medical Supply Association, Ltd., 167, Gray's Inn Road, London, W.C.1	ABCDEFGHIJ
Mersons (Sutures), Ltd., 18, St. John's Hill, Edinburgh, 8	AG
Metropolitan-Vickers Electrical Co., Ltd., Trafford Park, Manchester 17	E
Multitone Electric Co., Ltd., 92, New Cavendish Street, London, W.1	D
S. Murray & Co., Ltd., 45, St. Pancras Way, London, N.W.1	A
William Page & Co., Ltd., 87, Shaftesbury Avenue, London, W.1	B
Parker, Winder & Achurch, Ltd., 991, Broad Street, Birmingham, 1	BD
Pryke & Palmer, Ltd., 41/44, Upper Thames Street, London, E.C.4	BJ
The Pulsometer Engineering Co., Ltd., Nine Elms Ironworks, Reading, Berks.	E
W. S. Rothband & Co., Bent Street, Manchester, 8	CG
Silverdale Manufacturing Co., Excel House, Whitcomb Street, London, W.C.2	BCDHIJ
Sorbo, Ltd., Sorbo Works, Woking, Surrey	C
Sumerling & Co., Ltd. 40/42, Newman Street, London, W.1	J
The Surgical Engineering Co., Ltd., Works Road, Letchworth, Herts.	DHI
Surgical Equipment Supplies, Ltd., Westfields Road, North Acton, London, W.3	B
Taw Manufacturing Co., Ltd., Campsbourne Works, High Street, London, N.8	B
Chas. F. Thackray, Ltd., Old Medical School, 10, Park Street, Leeds 1	AD
Jacob White & Co. Ltd., 324, Upper Street, Islington, London, N.1	J
Willen Bros., Ltd., 44, New Cavendish Street, London, W.1, and 9, Eastgate, Exeter, Devon	ABCDEFGHI

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Jas. Keiller & Sons, Ltd., Dundee	E
Frederick King & Co., Ltd., Eddes House, Eastern Avenue West, Romford, Essex	G
Libby, McNeill & Libby, Ltd., 15/16, Lime Street, London, E.C.3	B C G H
Lincolnshire Cannery, Ltd., London Road, Boston, Lincs.	BH
Marmite Food Extract Co., Ltd., 35, Seething Lane, London, E.C.3	H
Nestle's Milk Products, Ltd., 6 & 8, Eastcheap, London, E.C.3	CH
Ocean Preserving Co., Ltd., Epicure Works, Alfred's Way, Barking, Essex	D
Oxo, Ltd., Thames House, Queen Street Place, London, E.C.4	A B C D F G
J. F. Percival, Ltd., Valentine Place, Blackfriars Road, London, S.E.1	A B C D E F G H
Poulton & Noel, Belgravian Works, Bridge Road, Southall, Middlesex	B G
Rowntree & Co., Ltd., York	E
C. Shippam, Ltd., East Walls, Chichester, Sussex	A D G
Smedley's, Ltd., Wisbech, Cambs.	B E G
W. Symington & Co., Ltd., Bowden Steam Mills, Market Harborough, Leics.	E G I
Three Cooks, Ltd., 26, King's Road, Reading, Berks.	G
Wilson Meats, Ltd., 24, Sir Thomas Street, Liverpool, 1	A B
Wilts. United Dairies, Ltd., Trowbridge, Wilts.	C
Wisbech Produce Cannery, Ltd., Lynn Road, Wisbech, Cambs.	B E G H
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F. W. Gray & Co., Greyhound Street, Nottingham			E
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Nottingham Leather Co., Ltd., Kent Street, Nottingham			B
Nurses' Outfitting Association, Ltd., Carlyle House, Stockport, Cheshire			A C D E F G H
Osborne, Garrett & Co. Ltd., 51/54, Frith Street, London, W.1			H
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Beehive Rubber Co., Ltd., 24, St. Mary Axe, London, E.C.3	L
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John Lockett & Co., Chancery Lane, Longton, Stoke-on-Trent	BL	
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Chas. Macintosh, Ltd., Bridport Road, Edmonton, London, N.18	N	
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David Moseley & Sons, Ltd., Chapelfield Works, Ardwick, Manchester 12	GHO	
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Duke & Ockenden, Ltd., 1, Victoria Street, Westminster, London, S.W.1					E
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Manesty Machines, Ltd., Speke Hall Road, Liverpool 19					B
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Mirrlees, Bickerton & Day, Ltd., Hazel Grove, Nr. Stockport, Cheshire					D
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Austin Edwards, Ltd., Fulbourne Road, London, E.17					E
J. Avery & Co., 81, Great Portland Street, London, W.1					E
Barnett Ensign, Ltd., Fulbourne Road, Walthamstow, London, E.11					E
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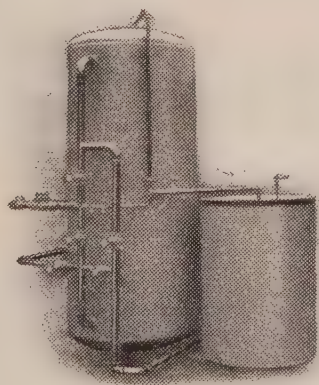
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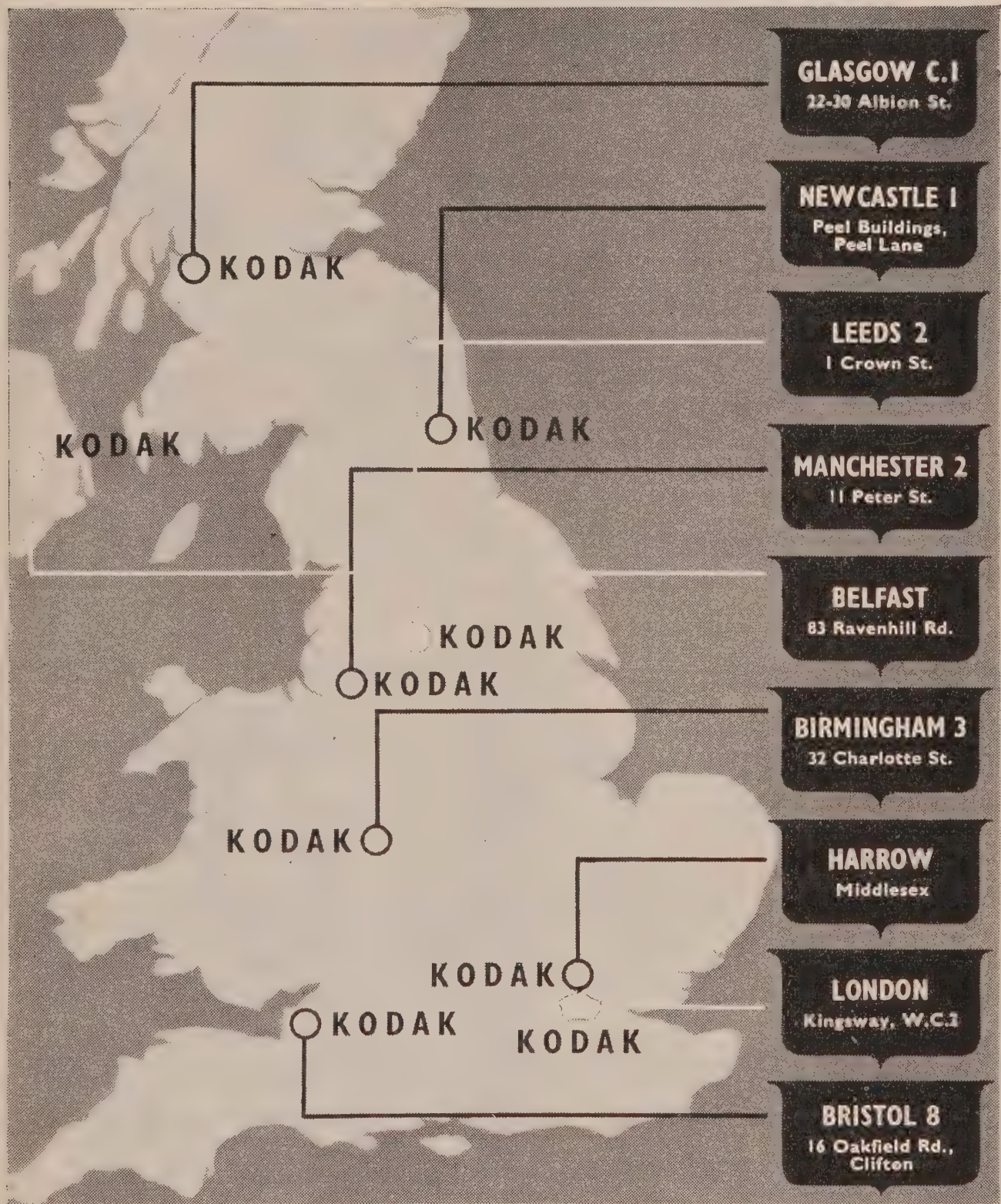
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Pharmaceutical Specialities (May & Baker) Ltd., Dagenham, Essex	E
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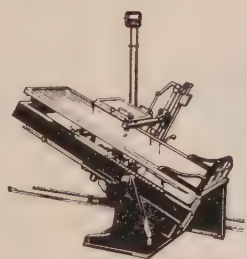
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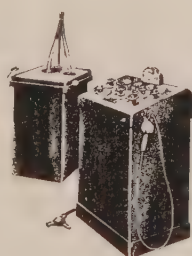
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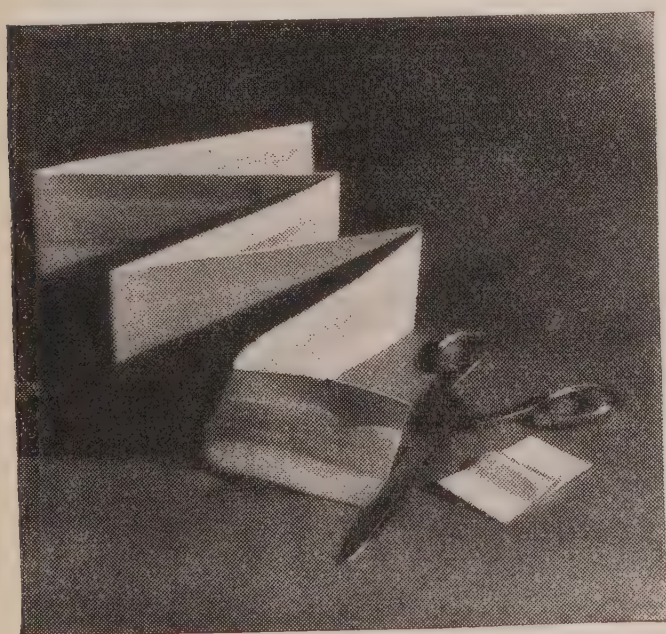
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Great Yarmouth and Gorleston General Hpl.	168	Hellingly Hpl.	264
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Great Warford		Isolation Hpl.	245
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Greaves Hall	468	Halesowen	
Green Lane Isolation Hpl.	469	Hayley Green Isolation Hpl.	415
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Halstead Cottage	225	Eden Cottage Hpl.	206
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Ham Green Isolation Hpl. & Sanatorium	332	Hatton Central Hpl.	408
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Hambleton		Haverbreaks Maternity Annexe	435
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Hamilton		Kensington Hpl.	381
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Glenlee Hpl.	577	Priory Mount	380
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Udston Hpl.	577	Hawkhead Mental Hpl.	564
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Bearsted Memorial Hpl.	209	Ollersett View Hpl.	457
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St. Mary's Cottage Hpl.	196	St. Michael's Hpl.	626
Handford Home	230	Hayley Green Isolation Hpl.	415
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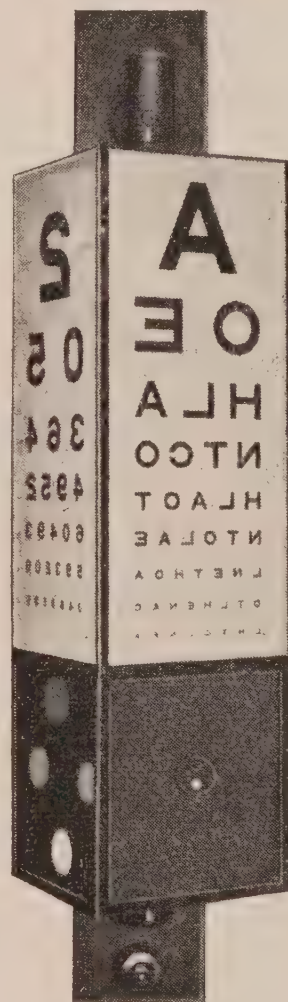
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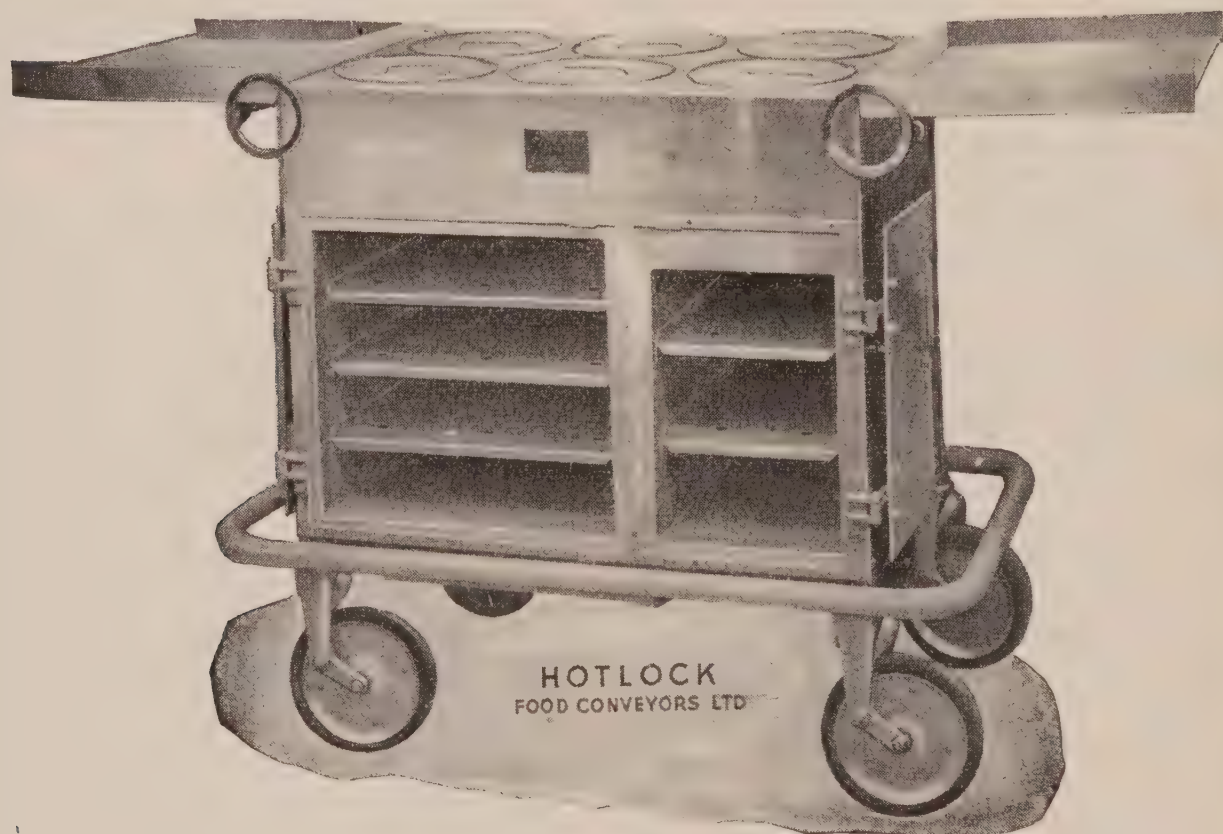
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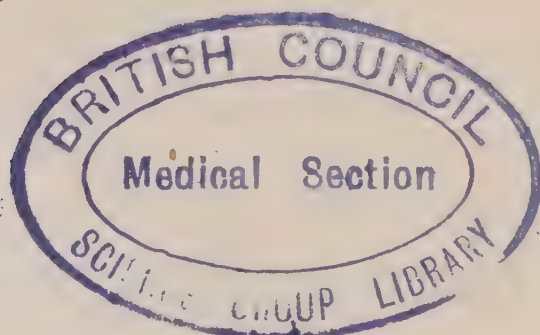
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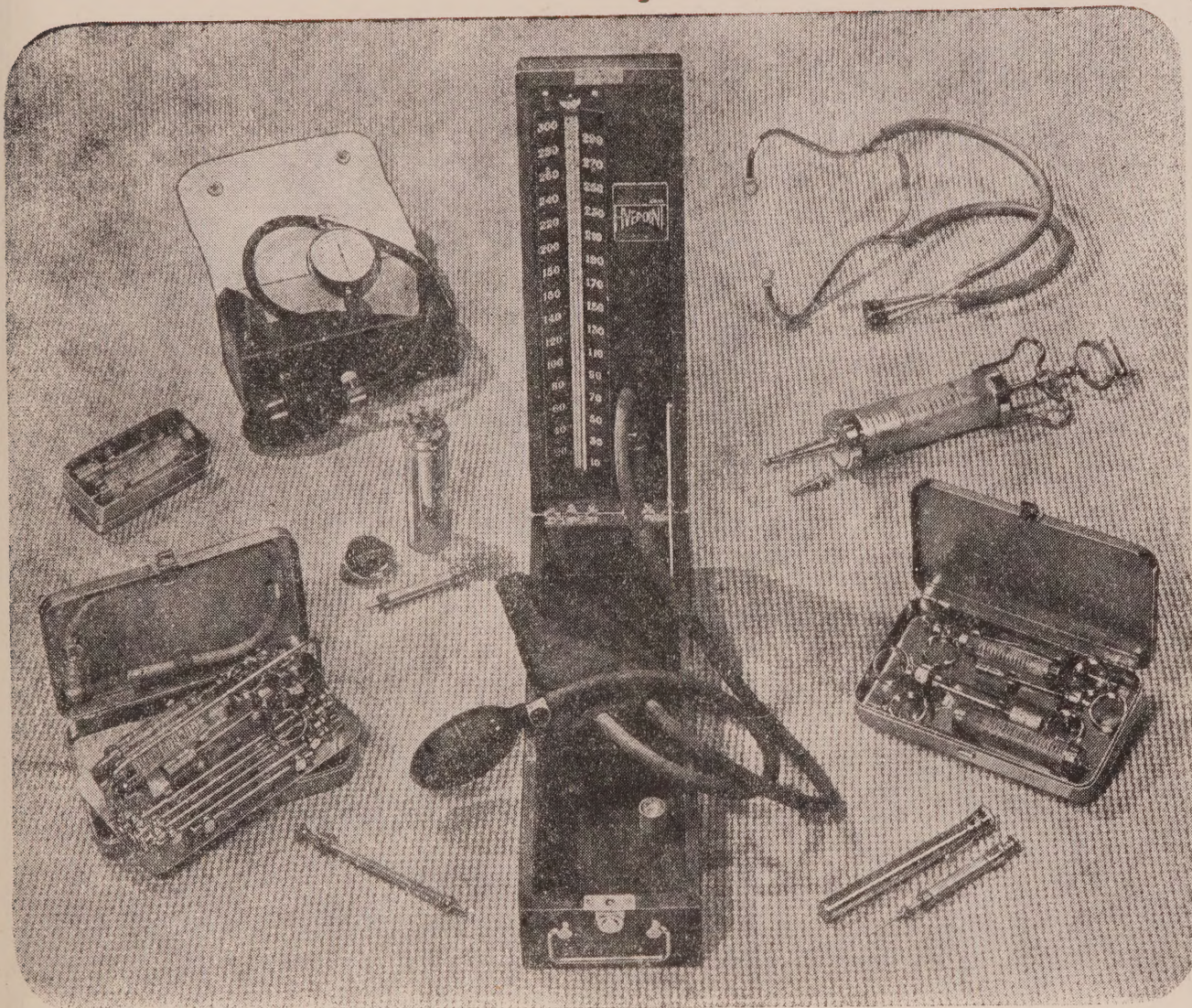
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